Temperature Profiles for 23 Lakes in the Experimental Lakes Area, Northwestern Ontario, 1985

D.R. Cruikshank

Central and Arctic Region
Department of Fisheries and Oceans
Winnipeg, Manitoba R3T 2N6

September 1986

Canadian Data Report of Fisheries and Aquatic Sciences No. 604

86-06750/

Canadian Data Report of Fisheries and Aquatic Sciences

These reports provide a medium for filing and archiving data compilations where little or no analysis is included. Such compilations commonly will have been prepared in support of other journal publications or reports. The subject matter of Data Reports reflects the broad interests and policies of the Department of Fisheries and Oceans, namely, fisheries management, technology and development, ocean sciences, and aquatic environments relevant to Canada.

Numbers 1-25 in this series were issued as Fisheries and Marine Service Data Records. Numbers 26-160 were issued as Department of Fisheries and the Environment, Fisheries and Marine Service Data Reports. The current series name was changed with report number 161.

Data Reports are not intended for general distribution and the contents must not be referred to in other publications without prior written clearance from the issuing establishment. The correct citation appears above the abstract of each report.

Rapport statistique canadien des sciences halieutiques et aquatiques

Ces rapports servent de base à la compilation des données de classement et d'archives pour lesquelles il y a peu ou point d'analyse. Cette compilation aura d'ordinaire été préparée pour appuyer d'autres publications ou rapports. Les sujets des Rapports statistiques reflètent la vaste gamme des intérêts et politiques du Ministère des Pêches et des Océans, notamment gestion des pêches, techniques et développement, sciences océaniques et environnements aquatiques, au Canada.

Les numéros 1 à 25 de cette série ont été publiés à titre de Records statistiques, Service des pêches et de la mer. Les numéros 26-160 ont été publiés à titre de Rapports statistiques du Service des pêches et de la mer, Ministère des Pêches et de l'Environnement. Le nom de la série a été modifié à partir du numéro 161.

Les Rapports statistiques ne sont pas préparés pour une vaste distribution et leur contenu ne doit pas être mentionné dans une publication sans autorisation écrite préalable de l'établissement auteur. Le titre exact paraît au haut du résumé de chaque rapport.

Canadian Data Report of
Fisheries and Aquatic Sciences 604

September 1986

TEMPERATURE PROFILES FOR 23 LAKES IN THE EXPERIMENTAL LAKES AREA, NORTHWESTERN ONTARIO, 1985

by

D.R. Cruikshank

Central and Arctic Region
Department of Fisheries and Oceans
Winnipeg. Manitoba R3T 2N6

This is the 1st Data Report
from the Central and Arctic Region, Winnipeg

© Minister of Supply and Services Canada 1986

Cat. no. Fs 97-13/604E ISSN 0706-6465

Correct citation for this publication is:

Cruikshank, D.R. 1986. Temperature profiles for 23 lakes in the Experimental Lakes Area, northwestern Ontario, 1985. Can. Data Rep. Fish. Aquat. Sci. 604: iv + 180 p.

TABLE OF CONTENTS

	Page
ABSTRACT/RÉSUMÉ	iv
INTRODUCTION	1
METHODS	1
SOURCES	1
ACKNOWLEDGMENTS	1
REFERENCES	1

LIST OF APPENDICES

Appendix		Page
A	Tabular presentation of temperature profiles	2
B	Graphical presentation of temperature profiles	158

ABSTRACT

Cruikshank, D.R. 1986. Temperature profiles for 23 lakes in the Experimental Lakes Area, northwestern Ontario, 1985. Can. Data Rep. Fish. Aquat. Sci. 604: iv + 180 p.

This report presents 330 temperature profiles from 23 lakes in the Experimental Lakes Area in northwestern Ontario. Also included are data on weather descriptions, Secchi depths, water colour, planar thermoclines and epilimnion depths.

Key words: temperature profiles; thermocline; experimental lakes; Secchi disk.

RÉSUMÉ

Cruikshank, D.R. 1986. Temperature profiles for 23 lakes in the Experimental Lakes Area, northwestern Ontario, 1985. Can. Data Rep. Fish. Aquat. Sci. 604: iv + 180 p.

Ce rapport présente 330 profils de température pour 23 lacs dans le secteur des lacs expérimentaux (Experimental Lakes Area) dans le nord-ouest ontarien. Il y a également des données sur la description des conditions météorologiques, la clarté de l'eau mesurée avec des disques de Secchi, la couleur de l'eau, les thermoclines et la profondeur de l'épilimnion.

Mots-clés: profils de température; thermocline; lacs expérimentaux; disque de Secchi.

INTRODUCTION

This report is the third in a series of data reports dealing with lake temperature profiles at the Experimental Lakes Area (ELA). Temperature data from 1968-1983 for 39 lakes were presented by Cruikshank (1984a) and for 1984 by Lyng and Cruikshank (1985). In this report, 330 temperature profiles for 23 lakes during the 1985 ice-free season are presented in both tabular (Appendix A) and graphical (Appendix B) form. Additional information such as weather descriptions, water colour and Secchi depths are presented when available.

In most years, ELA lakes begin to stratify by early to mid-May with stable summer thermal regimes appearing by early June and disappearing by mid September (Cruikshank 1984b). The majority of ELA lakes do not completely overturn in spring, others have only fall overturns. Thermal homogeneity in the fall may occur up to two weeks before chemical homogeneity. The time factor could be an artifact of the bi-weekly sampling schedule and not necessarily real.

METHODS

In 1985, all temperature profiles were taken using a Flett Research Mark II Digital Telethermometer. All readings have been corrected using a calibration curve that was calculated using a mercury thermometer (0.05°C accuracy). Profiles were obtained by starting at the lake surface and taking temperature readings at one metre intervals. If the temperature difference between successive metre depths exceeded 1°C, measurements were taken every quarter metre until the difference between metre depths was less than 1°C.

Inflow, outflow and air temperatures were taken with a pocket thermometer (1°C accuracy). Weather descriptions such as wind speed and cloud cover were subjective and may vary between observers. Secchi depths were measured on the shadow side of the boat during the morning. The Secchi disc was lowered until it disappeared and then raised up until it reappeared. The mean of the two depths was recorded as the Secchi disk reading. Water colour was a subjective measurement defined as the colour of water against the white background of the secchi disc at 1/2 the recorded Secchi depth. Epilimnion depth is defined as that point in the water column where temperature began to decrease at a rate greater than 1°C per metre. Planar thermocline is defined as that point where the change in temperature per metre depth was greatest.

All calculations and printouts were done by a Hewlett Packard Model 87XM computer. Graphs were produced using a HP7475A plotter.

ACKNOWLEDGMENTS

I would like to thank Tim Cooper, Brian Kotak and Dave Holla who assisted me in the evaluation of the field data for 1985. I would also like to thank Susan Kasian and Grant Maclean for their graphics programming and Lillian Wilson and Donna Laroque who typed this report. Thanks is also extended to Dr. David Schindler, Paul Campbell and John Shearer who reviewed this Data Report.

REFERENCES

CRUIKSHANK, D.R. 1984a. Temperature profiles for 29 lakes in the Experimental Lakes Area, northwestern Ontario, 1968-1983. Can. Data Rep. Fish. Aquat. Sci. 452: iv + 519 p. (bound in two parts).

CRUIKSHANK, D.R. 1984b. The relationship of summer thermocline depth to several physical characteristics of lakes. Can. Tech. Rep. Fish. Aquat. Sci. 1248: iv + 33 p.

LYNG, M.E., and D.R. CRUIKSHANK. 1985. Temperature profiles for 19 lakes in the Experimental Lakes Area, northwestern Ontario, 1984. Can. Data Rep. Fish. Aquat. Sci. 534: iv + 189 p.

APPENDIX A

All temperatures in degrees Celsius (0°C).

All depths in metres (m).

Air temperatures are accurate to 1°C and water temperatures to 0.05C.

****

Lake # 93 27 MAY 85 (Day 147) Time: 12 36 CDT
Air Temperature: 17 (C) Wind: E 0 - 5 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.3 (C)
Epilimnion Temperature: 17.1 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.30	3.00	12.90	4.50	7.80
1.00	17.10	3.25	11.90	4.75	7.50
2.00	16.60	3.50	11.20	5.00	7.20
2.25	15.30	3.75	10.30	6.00	6.20
2.50	14.70	4.00	9.10	7.00	5.90
2.75	14.10	4.25	8.10	8.00	5.80

****

Lake # 93 12 JUN 85 (Day 163) Time: 10 06 CDT
Air Temperature: 19 (C) Wind: NW 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.9 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.8 (C)
Epilimnion Temperature: 15.6 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 9.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.80	3.75	13.30	5.25	7.70
1.00	15.60	4.00	11.00	5.50	7.40
2.00	15.40	4.25	10.10	5.75	7.10
3.00	14.90	4.50	9.20	6.00	6.90
3.25	14.50	4.75	9.40	7.00	6.30
3.50	14.10	5.00	8.50	8.00	6.10

****

Lake # 93 24 JUN 85 (Day 175) Time: 10 25 CDT
Air Temperature: 25 (C) Wind: E 0 - 5 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 3.1 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.4 (C)
Epilimnion Temperature: 15.6 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.40	3.75	13.90	5.25	8.10
1.00	15.60	4.00	12.80	5.50	7.60
2.00	15.50	4.25	11.60	5.75	7.40
3.00	15.20	4.50	10.50	6.00	7.20
3.25	15.00	4.75	9.70	7.00	6.60
3.50	14.90	5.00	9.10	7.50	6.40

****

Lake # 93 10 JUL 85 (Day 191) Time: 10 38 CDT
Air Temperature: 17 (C) Wind: W 20 - 25 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 2.7 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.4 (C)
Epilimnion Temperature: 21.4 (C) Epilimnion Depth (1 C/M): 1.875 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.40	3.00	16.40	5.25	9.20
1.00	21.40	3.25	16.10	5.50	9.10
1.25	21.30	3.50	15.20	5.75	8.10
1.50	21.10	3.75	14.70	6.00	7.90
1.75	21.10	4.00	14.10	6.25	7.60
2.00	20.20	4.25	13.50	6.50	7.30
2.25	17.60	4.50	12.10	6.75	7.10
2.50	17.30	4.75	11.50	7.00	7.10
2.75	16.90	5.00	10.40	8.00	6.60

****

Lake # 93 22 JUL 85 (Day 203) Time: 09 58 CDT
Air Temperature: 17 (C) Wind: S 0 - 5 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.1 (C)
Epilimnion Temperature: 20.2 (C) Epilimnion Depth (1 C/M): 2.875 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.10	3.50	16.40	5.50	9.20
1.00	20.20	3.75	15.30	5.75	8.50
2.00	20.20	4.00	14.30	6.00	8.30
2.25	20.10	4.25	13.20	6.25	7.50
2.50	20.10	4.50	12.40	6.50	7.40
2.75	20.00	4.75	11.70	6.75	7.20
3.00	18.40	5.00	10.90	7.00	6.90
3.25	17.10	5.25	9.40	8.00	6.70

****

Lake # 93 7 AUG 85 (Day 219) Time: 10 00 CDT
Air Temperature: 19 (C) Wind: W 15 - 20 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.1 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21 (C)
Epilimnion Temperature: 20.9 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.00	4.25	14.00	6.25	8.40
1.00	20.90	4.50	13.30	6.50	7.90
2.00	20.80	4.75	12.30	6.75	7.70
3.00	20.20	5.00	11.50	7.00	7.50
3.25	18.70	5.25	10.80	7.25	7.20
3.50	17.80	5.50	10.10	7.50	7.10
3.75	16.30	5.75	9.50	7.75	7.00
4.00	15.20	6.00	9.00	8.00	6.90

Lake # 93 19 AUG 85 (Day 231) Time: 10 16 CDT
Air Temperature: 12 (C) Wind: NE 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.4 (C)
Epilimnion Temperature: 15.8 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.40	4.75	14.30	6.50	8.10
1.00	15.80	5.00	12.50	6.75	7.80
2.00	15.80	5.25	11.50	7.00	7.70
3.00	15.90	5.50	10.50	7.25	7.50
4.00	15.90	5.75	9.70	7.50	7.30
4.25	15.60	6.00	8.90	7.75	7.20
4.50	15.50	6.25	8.50		

Lake # 93 5 SEP 85 (Day 248) Time: 16 05 CDT
Air Temperature: Wind: SE 0 - 0 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.9 (C)
Epilimnion Temperature: 16.6 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.90	4.75	14.50	6.25	9.40
1.00	16.60	5.00	13.70	6.50	8.90
2.00	16.00	5.25	12.80	6.75	8.40
3.00	15.80	5.50	12.00	7.00	8.10
4.00	15.70	5.75	11.30	8.00	7.80
4.25	15.30	6.00	10.40	8.25	7.50
4.50	14.90				

****

Lake # 93 16 SEP 85 (Day 259) Time: 10 15 CDT
Air Temperature: 15 (C) Wind: NW 5 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.6 (C)
Epilimnion Temperature: 14.6 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.60	5.00	14.60	6.25	9.30
1.00	14.60	5.25	12.90	6.50	9.10
2.00	14.60	5.50	11.80	6.75	8.40
3.00	14.60	5.75	10.90	7.00	8.30
4.00	14.60	6.00	8.10	8.00	7.40

****

Lake # 93 2 OCT 85 (Day 275) Time: 15 30 CDT
Air Temperature: Wind: SW 0 - 5 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 1.6 (M) Water Color: TURBID-YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.5 (C)
Epilimnion Temperature: 9.4 (C) Epilimnion Depth (1 C/M): 8 (M)
Planar-Thermocline : 7.5 (M) Change at Planar-Thermo: 0.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.50	3.00	9.30	6.00	9.30
1.00	9.40	4.00	9.20	7.00	9.20
2.00	9.40	5.00	9.20	8.00	8.70

****

Lake # 93 14 OCT 85 (Day 287) Time: 10 19 CDT
Air Temperature: Wind: NE 15 - 20 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 1.6 (M) Water Color: TUREID-ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.9 (C)
Epilimnion Temperature: 6.9 (C) Epilimnion Depth (1 C/M): 8 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.90	3.00	6.80	6.00	6.60
1.00	6.90	4.00	6.70	7.00	6.60
2.00	6.80	5.00	6.60	8.00	6.60

****

Lake # 109 20 MAY 85 (Day 140) Time: 09 40 CDT
Air Temperature: 9 (C) Wind: NE 20 - 25 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.9 (C)
Epilimnion Temperature: 13 (C) Epilimnion Depth (1 C/M): 4.875 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.90	4.50	12.80	6.00	8.40
1.00	13.00	4.75	12.60	7.00	7.60
2.00	13.00	5.00	11.70	8.00	7.10
3.00	13.10	5.25	10.90	9.00	6.80
4.00	13.10	5.50	9.80	10.00	6.60
4.25	12.90	5.75	9.00		

****

Lake # 109 5 JUN 85 (Day 156) Time: 10 52 CDT
Air Temperature: 18 (C) Wind: SW 0 - 5 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 4.6 (M) Water Color: PALE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.5 (C)
Epilimnion Temperature: 15.4 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.50	4.75	13.40	6.50	9.00
1.00	15.40	5.00	13.20	6.75	8.60
2.00	15.30	5.25	12.50	7.00	8.20
3.00	15.30	5.50	11.90	8.00	7.60
4.00	15.20	5.75	10.90	9.00	7.30
4.25	14.90	6.00	10.20	10.00	7.10
4.50	14.40	6.25	9.30		

Lake # 109 17 JUN 85 (Day 168) Time: 10 00 CDT
Air Temperature: 14.4 (C) Wind: NE 5 - 10 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.1 (C)
Epilimnion Temperature: 16.2 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.10	5.00	15.00	7.00	9.50
1.00	16.20	5.25	14.70	7.25	9.20
2.00	16.20	5.50	14.10	7.50	8.80
3.00	16.20	5.75	12.80	7.75	8.40
4.00	15.90	6.00	12.00	8.00	8.10
4.25	15.60	6.25	11.20	9.00	7.60
4.50	15.40	6.50	10.70	10.00	7.10
4.75	15.20	6.75	10.00		

Lake # 109 4 JUL 85 (Day 185) Time: 09 16 CDT
Air Temperature: 18 (C) Wind: E 5 - 10 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 4.9 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.5 (C)
Epilimnion Temperature: 19.5 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.50	5.00	16.10	7.00	10.80
1.00	19.50	5.25	15.60	7.25	10.10
2.00	19.50	5.50	15.40	7.50	9.70
2.25	19.40	5.75	15.00	7.75	9.20
2.50	18.30	6.00	13.70	8.00	9.20
2.75	17.80	6.25	13.00	9.00	8.30
3.00	17.50	6.50	12.10	10.00	7.70
4.00	16.60	6.75	11.60		

****

Lake # 109 15 JUL 85 (Day 196) Time: 10 08 CDT
Air Temperature: 14 (C) Wind: NW 25 - 30 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 4.5 (M) Water Color: PALE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.5 (C)
Epilimnion Temperature: 20.5 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.50	4.75	17.70	7.25	11.10
1.00	20.50	5.00	17.30	7.50	10.60
2.00	20.50	5.25	16.60	7.75	10.40
3.00	20.50	5.50	16.10	8.00	10.20
3.25	20.50	5.75	15.70	8.25	9.80
3.50	20.50	6.00	15.20	8.50	9.20
3.75	19.80	6.25	14.10	8.75	9.10
4.00	19.30	6.50	13.00	9.00	8.90
4.25	18.50	6.75	12.20	9.75	8.30
4.50	18.10	7.00	11.70		

****

Lake # 109 31 JUL 85 (Day 212) Time: 08 52 CDT
Air Temperature: 16 (C) Wind: 0 - 0 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4.7 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.2 (C)
Epilimnion Temperature: 20.3 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.20	6.00	16.40	8.00	11.00
1.00	20.30	6.25	15.20	8.25	10.50
2.00	20.30	6.50	14.40	8.50	10.20
3.00	20.30	6.75	13.80	8.75	9.90
4.00	20.30	7.00	13.30	9.00	9.60
5.00	19.70	7.25	12.50	9.25	9.40
5.25	19.30	7.50	11.90	9.50	9.30
5.50	18.50	7.75	11.40	9.75	9.10
5.75	17.40				

****

Lake # 109 12 AUG 85 (Day 224) Time: 09 00 CDT
Air Temperature: 16 (C) Wind: E 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.9 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.1 (C)
Epilimnion Temperature: 20.2 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.10	6.00	17.50	8.25	10.60
1.00	20.20	6.25	16.50	8.50	10.40
2.00	20.20	6.50	15.40	8.75	10.10
3.00	20.20	6.75	14.80	9.00	9.90
4.00	20.20	7.00	14.00	9.25	9.50
5.00	20.20	7.25	13.30	9.50	9.20
5.25	19.60	7.50	12.50	9.75	9.20
5.50	19.40	7.75	11.70	10.00	9.00
5.75	18.80	8.00	11.20		

****

Lake # 109 29 AUG 85 (Day 241) Time: 09 34 CDT
Air Temperature: 16 (C) Wind: NE 10 - 15 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.2 (C)
Epilimnion Temperature: 17.2 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.20	7.00	16.00	8.75	10.50
1.00	17.20	7.25	15.00	9.00	10.40
2.00	17.20	7.50	14.10	9.25	10.20
3.00	17.20	7.75	13.10	9.50	9.80
4.00	17.20	8.00	12.10	9.75	9.50
5.00	17.00	8.25	11.50	10.00	9.30
6.00	16.70	8.50	10.80	10.20	9.20

****

Lake # 109 9 SEP 85 (Day 252) Time: 10 41 CDT
Air Temperature: 11 (C) Wind: NE 10 - 15 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 4.4 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.3 (C)
Epilimnion Temperature: 16.3 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.875 (M) Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.30	7.00	15.90	8.75	11.30
1.00	16.30	7.25	15.20	9.00	10.80
2.00	16.30	7.50	14.80	9.25	10.50
3.00	16.30	7.75	14.00	9.50	10.10
4.00	16.30	8.00	13.10	9.75	9.90
5.00	16.30	8.25	12.40	10.00	9.80
6.00	16.30	8.50	11.80		

****

Lake # 109 26 SEP 85 (Day 269) Time: 10 41 CDT
Air Temperature: 9 (C) Wind: W 15 - 20 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.8 (C)
Epilimnion Temperature: 11.8 (C) Epilimnion Depth (1 C/M): 10 (M)
Planar-Thermocline : 9.5 (M) Change at Planar-Thermo: 0.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.80	4.00	11.80	8.00	11.80
1.00	11.80	5.00	11.80	9.00	11.70
2.00	11.80	6.00	11.80	10.00	11.00
3.00	11.80	7.00	11.80		

****

Lake # 109 7 OCT 85 (Day 280) Time: 10 40 CDT
Air Temperature: 6.5 (C) Wind: SE 10 - 15 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.5 (C)
Epilimnion Temperature: 9.8 (C) Epilimnion Depth (1 C/M): 9 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.50	4.00	9.90	7.00	9.90
1.00	9.80	5.00	9.90	8.00	9.90
2.00	9.90	6.00	9.90	9.00	9.70
3.00	9.90				

****

Lake # 109 24 OCT 85 (Day 297) Time: 10 47 CDT
Air Temperature: 10 (C) Wind: S 20 - 25 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.3 (C)
Epilimnion Temperature: 7.4 (C) Epilimnion Depth (1 C/M): 10 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.30	4.00	7.50	8.00	7.50
1.00	7.40	5.00	7.50	9.00	7.50
2.00	7.40	6.00	7.50	10.00	7.50
3.00	7.50	7.00	7.50		

Lake # 110 20 MAY 85 (Day 140) Time: 10 34 CDT
Air Temperature: 7 (C) Wind: NE 20 - 25 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 2.3 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.1 (C)
Epilimnion Temperature: 13.1 (C) Epilimnion Depth (1 C/M): 3.875 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.10	4.25	9.20	6.00	6.70
1.00	13.10	4.50	8.90	7.00	5.90
2.00	13.20	4.75	8.30	8.00	5.60
3.00	13.20	5.00	7.80	9.00	5.50
3.25	13.20	5.25	7.20	10.00	5.40
3.50	13.20	5.50	7.10	11.00	5.30
3.75	13.20	5.75	6.90	12.00	5.10
4.00	12.00				

Lake # 110 5 JUN 85 (Day 156) Time: 10 13 CDT
Air Temperature: 15.5 (C) Wind: SW 15 - 20 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.3 (C)
Epilimnion Temperature: 15.3 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.30	4.25	12.20	6.00	7.20
1.00	15.30	4.50	10.60	7.00	6.30
2.00	15.20	4.75	10.10	8.00	5.80
3.00	15.10	5.00	9.20	9.00	5.60
3.25	14.80	5.25	8.50	10.00	5.40
3.50	14.70	5.50	7.80	11.00	5.20
3.75	14.10	5.75	7.60	12.00	5.20
4.00	13.50				

****

Lake # 110 17 JUN 85 (Day 168) Time: 10 45 CDT
Air Temperature:
Cloud Cover: 9 /10
Secchi Visibility: 2.9 (M)
Inflow Temperature:
Surface Temperature: 16.3 (C)
Epilimnion Temperature: 16.3 (C)
Planar-Thermocline : 4.125 (M)
Wind: N 5 - 10 KMPH
Weather Description:
Water Color: PALE -GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.375 (M)
Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.30	4.50	13.00	6.50	7.10
1.00	16.30	4.75	12.00	6.75	6.80
2.00	16.30	5.00	11.10	7.00	6.80
3.00	16.30	5.25	9.80	8.00	5.80
3.25	16.10	5.50	9.20	9.00	5.50
3.50	15.80	5.75	8.40	10.00	5.30
3.75	15.40	6.00	7.90	11.00	5.30
4.00	14.90	6.25	7.30	12.00	5.10
4.25	13.40				

****

Lake # 110 4 JUL 85 (Day 185) Time: 10 00 CDT
Air Temperature: 18 (C)
Cloud Cover: 2 /10
Secchi Visibility: 2.9 (M)
Inflow Temperature:
Surface Temperature: 20 (C)
Epilimnion Temperature: 20 (C)
Planar-Thermocline : 5.125 (M)
Wind: SE 5 - 10 KMPH
Weather Description:
Water Color: PALE -BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.625 (M)
Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.00	4.00	15.80	6.25	7.70
1.00	20.00	4.25	15.80	6.50	7.50
1.25	19.80	4.50	15.10	6.75	7.30
1.50	19.80	4.75	14.00	7.00	7.20
1.75	19.10	5.00	12.40	8.00	6.20
2.00	18.60	5.25	10.60	9.00	5.80
2.25	18.10	5.50	9.80	10.00	5.60
2.50	17.50	5.75	9.20	11.00	5.50
2.75	17.30	6.00	8.50	12.00	5.30
3.00	16.80				

****

Lake # 110 15 JUL 85 (Day 196) Time: 08 50 CDT
Air Temperature: 16 (C) Wind: NW 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.65 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.2 (C)
Epilimnion Temperature: 20.4 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.20	4.75	14.50	7.25	7.00
1.00	20.40	5.00	13.10	7.50	6.80
2.00	20.40	5.25	12.30	7.75	6.70
3.00	20.50	5.50	11.50	8.00	6.40
3.25	19.20	5.75	10.50	9.00	5.80
3.50	18.20	6.00	9.40	10.00	5.60
3.75	17.50	6.25	8.90	11.00	5.40
4.00	17.00	6.50	8.40	12.00	5.30
4.25	16.20	6.75	7.80	12.50	5.30
4.50	15.20	7.00	7.30		

****

Lake # 110 31 JUL 85 (Day 212) Time: 09 30 CDT
Air Temperature: 18 (C) Wind:
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.4 (C)
Epilimnion Temperature: 20.3 (C) Epilimnion Depth (1 C/M): 3.875 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.40	5.00	14.00	7.75	7.10
1.00	20.30	5.25	13.00	8.00	6.90
2.00	20.30	5.50	12.10	8.25	6.60
3.00	20.20	5.75	10.90	8.50	6.50
3.25	20.10	6.00	10.10	8.75	6.30
3.50	20.10	6.25	9.20	9.00	6.10
3.75	20.00	6.50	9.10	10.00	5.60
4.00	19.10	6.75	8.50	11.00	5.40
4.25	17.40	7.00	8.00	12.00	5.40
4.50	16.70	7.25	7.70	12.50	5.20
4.75	15.20	7.50	7.40		

Lake # 110 12 AUG 85 (Day 224) Time: 09 22 CDT
Air Temperature: 15 (C) Wind: E 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.9 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.7 (C)
Epilimnion Temperature: 19.8 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.70	5.25	12.70	7.25	7.50
1.00	19.80	5.50	12.10	7.50	7.40
2.00	19.80	5.75	11.30	7.75	7.20
3.00	19.80	6.00	10.10	8.00	6.90
4.00	19.80	6.25	9.60	9.00	6.10
4.25	19.20	6.50	8.90	10.00	5.70
4.50	17.30	6.75	8.40	11.00	5.40
4.75	16.60	7.00	8.10	12.00	5.30
5.00	14.90				

Lake # 110 29 AUG 85 (Day 241) Time: 09 45 CDT
Air Temperature: Wind:
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4.75 (M) Water Color: PALE -YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.2 (C)
Epilimnion Temperature: 17.1 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.20	5.75	14.00	7.50	7.70
1.00	17.10	6.00	12.70	7.75	7.40
2.00	17.10	6.25	11.50	8.00	7.40
3.00	17.00	6.50	10.90	9.00	6.50
4.00	16.60	6.75	10.00	10.00	6.00
5.00	15.90	7.00	9.20	11.00	5.70
5.25	15.30	7.25	7.90	12.00	5.60
5.50	14.80				

****

Lake # 110 9 SEP 85 (Day 252) Time: 09 20 CDT
Air Temperature: 10 (C) Wind: NE 15 - 20 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.1 (C)
Epilimnion Temperature: 16.1 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.10	6.00	13.20	8.25	7.20
1.00	16.10	6.25	11.60	8.50	6.90
2.00	16.10	6.50	10.90	8.75	6.60
3.00	16.10	6.75	10.30	9.00	6.40
4.00	16.00	7.00	9.50	10.00	5.90
5.00	16.00	7.25	8.90	11.00	5.70
5.25	15.60	7.50	8.50	12.00	5.70
5.50	14.90	7.75	8.10	13.00	5.70
5.75	14.40	8.00	7.60		

****

Lake # 110 26 SEP 85 (Day 269) Time: 10 02 CDT
Air Temperature: 7 (C) Wind: W 10 - 15 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10.7 (C)
Epilimnion Temperature: 10.7 (C) Epilimnion Depth (1 C/M): 7.875 (M)
Planar-Thermocline : 8.375 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.70	7.00	10.50	8.75	7.30
1.00	10.70	7.25	10.30	9.00	7.00
2.00	10.70	7.50	10.20	10.00	6.20
3.00	10.70	7.75	10.10	11.00	5.00
4.00	10.70	8.00	9.30	12.00	5.80
5.00	10.60	8.25	8.80	12.75	5.70
6.00	10.60	8.50	7.70		

Lake # 110 7 OCT 85 (Day 280) Time: 11 20 CDT
Air Temperature: 6.5 (C) Wind: SE 10 - 15 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9 (C)
Epilimnion Temperature: 8.9 (C) Epilimnion Depth (1 C/M): 8.875 (M)
Planar-Thermocline : 8.875 (M) Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.00	7.00	8.60	9.25	7.20
1.00	8.90	8.00	8.60	9.50	7.00
2.00	8.90	8.25	8.60	9.75	6.80
3.00	8.90	8.50	8.60	10.00	6.40
4.00	8.90	8.75	8.50	11.00	6.00
5.00	8.90	9.00	7.70	12.00	5.70
6.00	8.90				

Lake # 110 24 OCT 85 (Day 297) Time: 09 46 CDT
Air Temperature: 6 (C) Wind: S 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.4 (C)
Epilimnion Temperature: 7.3 (C) Epilimnion Depth (1 C/M): 12.5 (M)
Planar-Thermocline : 5.5 (M) Change at Planar-Thermo: 0.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.40	5.00	6.90	10.00	6.00
1.00	7.30	6.00	6.60	11.00	6.00
2.00	7.20	7.00	6.50	12.00	6.00
3.00	7.10	8.00	6.20	12.50	6.00
4.00	7.10	9.00	6.10		

****

Lake # 114 20 MAY 85 (Day 140) Time: 11 49 CDT
Air Temperature: (C) Wind:
Cloud Cover: Weather Description:
Secchi Visibility: 2.3 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.3 (C)
Epilimnion Temperature: 13.3 (C) Epilimnion Depth (1 C/M): 4.75 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: -.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.30	2.00	13.40	4.00	13.40
1.00	13.30	3.00	13.40	4.75	13.40

****

Lake # 114 3 JUN 85 (Day 154) Time: 09 10 CDT
Air Temperature: 11 (C) Wind: W 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 1.7 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.3 (C)
Epilimnion Temperature: 14.3 (C) Epilimnion Depth (1 C/M): 5 (M)
Planar-Thermocline : 4.5 (M) Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.30	2.00	14.30	4.00	14.30
1.00	14.30	3.00	14.30	5.00	14.20

****

Lake # 114 17 JUN 85 (Day 168) Time: 10 30 CDT
Air Temperature: 14 (C) Wind: N 10 - 15 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 1.9 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.1 (C)
Epilimnion Temperature: 17.1 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 4.25 (M) Change at Planar-Thermo: 1.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.10	2.00	17.10	4.00	16.00
1.00	17.10	3.00	16.60	4.50	15.30

****

Lake # 114 1 JUL 85 (Day 182) Time: 11 16 CDT
Air Temperature: 23 (C) Wind: 0 - 0 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.2 (C)
Epilimnion Temperature: 18.2 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 2.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.20	1.75	16.80	2.75	15.90
1.00	18.20	2.00	16.70	3.00	15.60
1.25	17.80	2.25	16.10	4.00	15.10
1.50	17.30	2.50	16.00	5.00	14.40

Lake # 114 15 JUL 85 (Day 196) Time: 10 19 CDT
Air Temperature: 20 (C) Wind: NW 20 - 25 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.1 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.5 (C)
Epilimnion Temperature: 20.9 (C) Epilimnion Depth (1 C/M): 3.875 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.50	3.00	21.00	3.75	21.00
1.00	20.90	3.25	21.00	4.00	18.00
2.00	21.00	3.50	21.00	5.00	17.20

Lake # 114 29 JUL 85 (Day 210) Time: 15 24 CDT
Air Temperature: 25 (C) Wind: 0 - 0 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 1.9 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.1 (C)
Epilimnion Temperature: 21.1 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 1.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.10	2.00	20.50	4.00	20.20
1.00	21.10	3.00	20.20	5.00	19.60

Lake # 114 12 AUG 85 (Day 224) Time: 10 35 CDT
Air Temperature: 15 (C) Wind: N 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.7 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.5 (C)
Epilimnion Temperature: 19.5 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 4.25 (M) Change at Planar-Thermo: 0.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.50	2.00	19.50	4.00	19.50
1.00	19.50	3.00	19.50	4.50	19.40

Lake # 114 26 AUG 85 (Day 238) Time: 11 16 CDT
Air Temperature: Wind: SW 20 - 25 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 1 (M) Water Color: YELLOW
Inflow Temperature: 2 (C) Outflow Temperature:
Surface Temperature: 17.9 (C)
Epilimnion Temperature: 17.9 (C) Epilimnion Depth (1 C/M): 5.25 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 0.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.90	3.00	16.40	5.00	15.90
1.00	17.90	4.00	16.10	5.25	15.80
2.00	17.20				

Lake # 114 9 SEP 85 (Day 252) Time:
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 15.4 (C)
Epilimnion Temperature: 15.5 (C)
Planar-Thermocline : .5 (M)
Wind: NE 15 - 20 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.75 (M)
Change at Planar-Thermo: -.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.40	2.00	15.50	4.00	15.50
1.00	15.50	3.00	15.50	4.75	15.50

Lake # 114 23 SEP 85 (Day 266) Time: 12 01 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 11.6 (C)
Epilimnion Temperature: 11.6 (C)
Planar-Thermocline : 1.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.60	2.00	11.50	4.00	11.50
1.00	11.60	3.00	11.50	4.50	11.50

Lake # 114 7 OCT 85 (Day 280) Time: 11 00 CDT
Air Temperature: 6 (C)
Cloud Cover: 8 /10
Secchi Visibility: 2.5 (M)
Inflow Temperature:
Surface Temperature: 7.7 (C)
Epilimnion Temperature: 7.7 (C)
Planar-Thermocline : .5 (M)
Wind: 0 - 0 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.70	2.00	7.70	4.00	7.70
1.00	7.70	3.00	7.70	4.50	7.70

****

Lake # 114 23 OCT 85 (Day 296) Time: 11 03 CDT
Air Temperature: 9 (C)
Cloud Cover: 5 /10
Secchi Visibility: 2.5 (M)
Inflow Temperature:
Surface Temperature: 7.5 (C)
Epilimnion Temperature: 7.5 (C)
Planar-Thermocline : 4.5 (M)
Wind: SW 15 - 20 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 5 (M)
Change at Planar-Thermo: 0.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.50	2.00	7.50	4.00	7.40
1.00	7.50	3.00	7.40	5.00	7.20

Lake # 221 15 MAY 85 (Day 135) Time: 09 22 CDT
Air Temperature: 12.5 (C) Wind: N 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.1 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.2 (C)
Epilimnion Temperature: 14.2 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.20	2.25	12.90	2.75	11.30
1.00	14.20	2.50	12.10	3.00	11.20
2.00	14.10				

Lake # 221 30 MAY 85 (Day 150) Time: 09 30 CDT
Air Temperature: 12 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.8 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.2 (C)
Epilimnion Temperature: 16.2 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.20	3.00	10.80	4.25	7.70
1.00	16.20	3.25	9.80	4.50	7.40
2.00	15.80	3.50	9.30	4.75	7.20
2.25	14.10	3.75	8.80	5.00	6.90
2.50	12.80	4.00	8.20	5.75	6.80
2.75	12.10				

Lake # 221 12 JUN 85 (Day 163) Time: 09 15 CDT
Air Temperature: 17 (C) Wind: S 5 - 10 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2.1 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16 (C)
Epilimnion Temperature: 15.9 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.00	3.00	12.50	4.25	8.40
1.00	15.90	3.25	11.40	4.50	8.10
2.00	15.30	3.50	10.40	4.75	7.70
2.25	15.10	3.75	9.30	5.00	7.60
2.50	14.40	4.00	8.90	5.50	7.30
2.75	13.50				

Lake # 221 26 JUN 85 (Day 177) Time: 09 23 CDT
Air Temperature: 14.5 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.7 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.4 (C)
Epilimnion Temperature: 16.4 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.40	3.00	13.30	4.25	8.90
1.00	16.40	3.25	12.30	4.50	8.60
2.00	15.60	3.50	11.40	4.75	8.30
2.25	15.20	3.75	10.60	5.00	8.20
2.50	15.20	4.00	10.10	5.50	7.50
2.75	14.40				

Lake # 221 10 JUL 85 (Day 191) Time: 09 15 CDT
Air Temperature: 16 (C) Wind: NE 10 - 15 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 1.7 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.8 (C)
Epilimnion Temperature: 21.2 (C) Epilimnion Depth (1 C/M): 1.375 (M)
Planar-Thermocline : 1.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.80	2.25	16.00	3.75	11.30
1.00	21.20	2.50	15.30	4.00	10.00
1.25	21.20	2.75	14.70	4.25	9.30
1.50	20.80	3.00	13.60	4.50	9.00
1.75	20.50	3.25	13.10	4.75	8.60
2.00	16.60	3.50	12.30	5.00	8.40

Lake # 221 24 JUL 85 (Day 205) Time: 09 05 CDT
Air Temperature: 16 (C) Wind: NE 5 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.5 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19 (C)
Epilimnion Temperature: 19.3 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.00	3.00	15.80	4.50	9.50
1.00	19.30	3.25	14.40	4.75	9.30
2.00	19.30	3.50	13.30	5.00	9.00
2.25	19.10	3.75	12.30	5.25	8.60
2.50	18.90	4.00	11.30	5.50	8.50
2.75	18.60	4.25	10.30	5.75	8.30

****

Lake # 221 7 AUG 85 (Day 219) Time: 09 39 CDT
Air Temperature: 19 (C) Wind: S 5 - 10 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.5 (C)
Epilimnion Temperature: 21.2 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.50	3.00	17.00	4.25	10.40
1.00	21.20	3.25	15.20	4.50	9.80
2.00	20.70	3.50	14.00	4.75	9.50
2.25	19.80	3.75	12.90	5.00	9.30
2.50	19.20	4.00	11.60	5.25	8.90
2.75	18.10				

****

Lake # 221 22 AUG 85 (Day 234) Time: 10 38 CDT
Air Temperature: Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.8 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.4 (C)
Epilimnion Temperature: 16.3 (C) Epilimnion Depth (1 C/M): 1.375 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.40	2.00	15.30	4.75	10.50
1.00	16.30	3.00	14.90	5.00	9.80
1.25	16.30	4.00	13.80	5.25	9.10
1.50	15.40	4.25	12.60	6.00	9.10
1.75	15.30	4.50	11.20	6.50	8.30

Lake # 221 4 SEP 85 (Day 247) Time: 10 25 CDT
Air Temperature: 15 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.3 (C)
Epilimnion Temperature: 15.3 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.30	3.50	14.40	4.75	11.40
1.00	15.30	3.75	13.80	5.00	11.00
2.00	15.30	4.00	13.30	5.25	10.60
3.00	15.20	4.25	12.50	5.50	9.20
3.25	14.80	4.50	11.80	5.75	9.00

Lake # 221 20 SEP 85 (Day 263) Time: 00 00 CDT
Air Temperature: 8 (C) Wind: NE 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.3 (C)
Epilimnion Temperature: 13.5 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.30	4.00	13.10	5.00	10.00
1.00	13.50	4.25	12.60	5.25	10.20
2.00	13.30	4.50	12.70	5.50	10.00
3.00	13.30	4.75	11.80	5.75	9.50

****

Lake # 221 2 OCT 85 (Day 275) Time: 10 40 CDT
Air Temperature: 10 (C) Wind: SW 5 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.6 (M) Water Color: PALE -BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.9 (C)
Epilimnion Temperature: 7.8 (C) Epilimnion Depth (1 C/M): 5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.90	2.00	7.80	4.00	7.70
1.00	7.80	3.00	7.80	5.00	7.60

****

Lake # 221 14 OCT 85 (Day 287) Time: 10 00 CDT
Air Temperature: 8 (C) Wind: S 0 - 5 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 5.5 (C)
Epilimnion Temperature: 5.4 (C) Epilimnion Depth (1 C/M): 5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.50	2.00	5.40	4.00	5.40
1.00	5.40	3.00	5.40	5.00	5.40

Lake # 222 15 MAY 85 (Day 135) Time: 08 50 CDT
Air Temperature: 15 (C) Wind: N 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.8 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.4 (C)
Epilimnion Temperature: 14.4 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.40	2.75	10.40	3.75	7.20
1.00	14.40	3.00	9.20	4.00	6.60
2.00	14.20	3.25	8.20	5.00	6.00
2.25	12.10	3.50	7.70	5.50	5.80
2.50	11.60				

Lake # 222 30 MAY 85 (Day 150) Time: 08 41 CDT
Air Temperature: 12 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.9 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.4 (C)
Epilimnion Temperature: 16.4 (C) Epilimnion Depth (1 C/M): 1.875 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.40	2.50	12.80	4.00	7.50
1.00	16.40	2.75	11.60	4.25	6.70
1.25	16.30	3.00	10.30	4.50	6.60
1.50	16.30	3.25	9.00	4.75	6.40
1.75	16.20	3.50	8.40	5.00	6.20
2.00	15.20	3.75	7.80	5.25	6.00
2.25	13.60				

Lake # 222 12 JUN 85 (Day 163) Time: 10 00 CDT
Air Temperature: 18 (C) Wind: NE 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 1.7 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16 (C)
Epilimnion Temperature: 15.8 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.00	3.00	13.30	4.25	7.10
1.00	15.80	3.25	11.10	4.50	6.70
2.00	15.40	3.50	9.80	4.75	6.40
2.25	15.20	3.75	8.40	5.00	6.20
2.50	14.80	4.00	7.70	5.50	6.00
2.75	14.50				

Lake # 222 26 JUN 85 (Day 177) Time: 08 49 CDT
Air Temperature: 14.5 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.7 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.4 (C)
Epilimnion Temperature: 16.4 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.40	3.00	14.00	4.25	8.00
1.00	16.40	3.25	12.50	4.50	7.50
2.00	16.00	3.50	11.40	4.75	7.10
2.25	15.50	3.75	10.60	5.00	6.80
2.50	15.20	4.00	10.10	5.50	6.70
2.75	14.70				

****

Lake # 222 10 JUL 85 (Day 191) Time: 10 00 CDT
Air Temperature: 17 (C) Wind: NE 10 - 15 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 1.5 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21 (C)
Epilimnion Temperature: 21.2 (C) Epilimnion Depth (1 C/M): 1.625 (M)
Planar-Thermocline : 1.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.00	2.25	15.80	3.75	10.60
1.00	21.20	2.50	15.30	4.00	10.20
1.25	21.20	2.75	14.60	4.25	9.10
1.50	21.20	3.00	13.60	4.50	8.50
1.75	20.20	3.25	12.30	4.75	7.90
2.00	17.20	3.50	11.30	5.00	7.40

****

Lake # 222 24 JUL 85 (Day 205) Time: 09 50 CDT
Air Temperature: 17 (C) Wind: NE 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.5 (M) Water Color: PALE -BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.3 (C)
Epilimnion Temperature: 19.3 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.30	3.00	14.60	4.50	8.90
1.00	19.30	3.25	13.30	4.75	8.50
2.00	19.30	3.50	12.40	5.00	8.10
2.25	19.50	3.75	11.40	5.25	7.70
2.50	18.30	4.00	10.20	5.50	7.70
2.75	16.50	4.25	9.20		

Lake # 222 7 AUG 85 (Day 219) Time: 10 07 CDT
Air Temperature: 21 (C) Wind: SW 5 - 10 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.8 (C)
Epilimnion Temperature: 21.7 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.80	3.00	16.00	4.25	10.30
1.00	21.70	3.25	13.90	4.50	9.90
2.00	21.00	3.50	12.70	4.75	9.20
2.25	19.50	3.75	12.00	5.00	8.70
2.50	18.20	4.00	11.70	5.25	8.10
2.75	17.20				

Lake # 222 22 AUG 85 (Day 234) Time: 11 06 CDT
Air Temperature: 14.5 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.8 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.5 (C)
Epilimnion Temperature: 16 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.50	3.25	14.90	4.25	12.00
1.00	16.00	3.50	14.70	4.50	10.70
2.00	15.50	3.75	14.00	5.50	8.40
3.00	15.30	4.00	13.10		

Lake # 222 4 SEP 85 (Day 247) Time: 09 00 CDT
Air Temperature: 15 (C) Wind: SW 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.5 (C)
Epilimnion Temperature: 15.4 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.50	3.50	13.80	4.75	10.30
1.00	15.40	3.75	13.30	5.00	9.60
2.00	15.40	4.00	12.60	5.25	9.00
3.00	15.00	4.25	11.70	5.50	8.50
3.25	13.90	4.50	11.00		

Lake # 222 20 SEP 85 (Day 263) Time: 14 45 CDT
Air Temperature: 9 (C) Wind: N 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.3 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.3 (C)
Epilimnion Temperature: 13.6 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.30	4.00	13.10	5.00	9.70
1.00	13.60	4.25	11.70	5.25	9.10
2.00	13.60	4.50	11.20	5.50	9.10
3.00	13.60	4.75	10.40		

****

Lake # 222 2 OCT 85 (Day 275) Time: 11 25 CDT
Air Temperature: 11 (C) Wind: SW 5 - 10 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 1 (M) Water Color: PALE -ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 8.9 (C)
Epilimnion Temperature: 8.7 (C) Epilimnion Depth (1 C/M): 5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.90	2.00	8.70	4.00	8.50
1.00	8.70	3.00	8.50	5.00	8.50

****

Lake # 223 6 MAY 85 (Day 126) Time: 08 41 CST
Air Temperature: 12 (C) Wind: S 0 - 5 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.1 (C)
Epilimnion Temperature: 12 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 2.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.10	4.25	9.00	9.00	6.10
1.00	12.00	4.50	8.30	10.00	5.80
2.00	11.90	4.75	8.00	11.00	5.60
3.00	10.90	5.00	7.80	12.00	5.50
3.25	10.50	6.00	7.20	13.00	5.50
3.50	10.30	7.00	6.90	14.00	5.40
3.75	10.00	8.00	6.50	14.25	5.40
4.00	9.70				

****

Lake # 223 20 MAY 85 (Day 140) Time: 10 30 CDT
Air Temperature: 9.5 (C) Wind: 0 - 0 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3.1 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.6 (C)
Epilimnion Temperature: 12.7 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.60	5.75	8.00	8.50	6.00
1.00	12.70	6.00	7.70	8.75	5.90
2.00	12.60	6.25	7.40	9.00	5.90
3.00	12.60	6.50	7.20	9.25	5.90
4.00	12.60	6.75	7.00	9.75	5.80
4.25	12.30	7.00	6.80	10.00	5.70
4.50	11.80	7.25	6.70	11.00	5.60
4.75	11.10	7.50	6.60	12.00	5.50
5.00	9.40	7.75	6.40	13.00	5.50
5.25	8.60	8.00	6.20	14.00	5.50
5.50	8.20	8.25	6.10	14.75	5.50

****

Lake # 223 3 JUN 85 (Day 154) Time: 08 44 CDT
Air Temperature: 11 (C) Wind: 0 - 0 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.9 (C)
Epilimnion Temperature: 13.9 (C) Epilimnion Depth (1 C/M): 4.375 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.90	5.25	10.20	8.00	6.40
1.00	13.90	5.50	9.40	9.00	6.00
2.00	13.90	5.75	8.70	10.00	5.80
3.00	13.90	6.00	8.20	11.00	5.70
4.00	13.70	6.25	7.70	12.00	5.60
4.25	13.60	6.50	7.50	13.00	5.50
4.50	13.30	6.75	7.20	14.00	5.50
4.75	12.40	7.00	7.00	14.50	5.60
5.00	11.40				

****

Lake # 223 17 JUN 85 (Day 168) Time: 09 24 CDT
Air Temperature: 13 (C) Wind: N 0 - 5 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.9 (C)
Epilimnion Temperature: 15.9 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.90	6.00	10.30	8.00	7.00
1.00	15.90	6.25	9.80	9.00	6.30
2.00	15.90	6.50	9.20	10.00	6.20
3.00	15.90	6.75	9.00	11.00	6.00
4.00	15.30	7.00	8.50	12.00	5.90
5.00	14.40	7.25	8.00	13.00	5.80
5.25	13.70	7.50	7.80	14.00	5.80
5.50	13.20	7.75	7.40	14.25	5.80
5.75	11.60				

****

Lake # 223 1 JUL 85 (Day 182) Time: 09 10 CDT
Air Temperature: 20 (C) Wind: W 0 - 5 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 4.1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.7 (C)
Epilimnion Temperature: 17.5 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.70	6.00	13.40	8.00	7.20
1.00	17.50	6.25	12.40	9.00	6.60
2.00	16.60	6.50	10.90	10.00	6.60
3.00	15.70	6.75	9.60	11.00	6.20
4.00	15.40	7.00	8.60	12.00	6.00
5.00	15.20	7.25	8.10	13.00	5.80
5.25	14.90	7.50	7.80	14.00	5.80
5.50	14.90	7.75	7.40	14.30	5.80
5.75	14.60				

****

Lake # 223 15 JUL 85 (Day 196) Time: 08 53 CDT
Air Temperature: 16 (C) Wind: NW 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.3 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.5 (C)
Epilimnion Temperature: 20.5 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.50	4.75	17.00	7.25	9.30
1.00	20.50	5.00	16.70	7.50	9.00
2.00	20.50	5.25	15.70	7.75	8.40
3.00	20.50	5.50	15.10	8.00	7.80
3.25	20.50	5.75	14.30	9.00	7.00
3.50	20.50	6.00	13.70	10.00	6.70
3.75	20.20	6.25	12.70	11.00	6.30
4.00	18.60	6.50	11.70	12.00	6.20
4.25	18.00	6.75	10.90	13.00	6.10
4.50	17.60	7.00	10.00	14.00	6.10

****

Lake # 223 29 JUL 85 (Day 210) Time: 08 40 CDT
Air Temperature: 17 (C) Wind: NE 5 - 10 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.7 (C)
Epilimnion Temperature: 19.8 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.70	6.25	14.00	8.50	8.00
1.00	19.80	6.50	12.80	8.75	7.70
2.00	19.80	6.75	12.30	9.00	7.60
3.00	19.80	7.00	11.60	10.00	6.80
4.00	19.80	7.25	10.60	11.00	6.60
5.00	19.60	7.50	9.50	12.00	6.20
5.25	18.40	7.75	9.20	13.00	6.10
5.50	17.20	8.00	8.80	14.00	6.10
5.75	15.80	8.25	8.30	14.25	6.10
6.00	15.00				

****

Lake # 223 12 AUG 85 (Day 224) Time: 09 30 CDT
Air Temperature: 14 (C) Wind: SW 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.2 (C)
Epilimnion Temperature: 20.3 (C) Epilimnion Depth (1 C/M): 5.375 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.20	6.25	15.00	8.75	8.40
1.00	20.30	6.50	13.90	9.00	8.10
2.00	20.30	6.75	12.90	9.25	7.60
3.00	20.30	7.00	12.00	9.50	7.30
4.00	20.30	7.25	11.10	9.75	7.10
5.00	19.90	7.50	10.50	10.00	7.00
5.25	19.70	7.75	9.90	11.00	6.60
5.50	19.20	8.00	9.40	12.00	6.30
5.75	17.40	8.25	9.20	13.00	6.20
6.00	16.20	8.50	8.60	14.00	6.10

****

Lake # 223 26 AUG 85 (Day 238) Time: 08 40 CDT
Air Temperature: 13 (C) Wind: S 15 - 20 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: TURBID-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.4 (C)
Epilimnion Temperature: 17.5 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 7.375 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.40	6.75	15.40	9.00	9.00
1.00	17.50	7.00	14.50	9.25	8.20
2.00	17.50	7.25	13.30	9.50	7.70
3.00	17.10	7.50	11.90	9.75	7.60
4.00	16.90	7.75	11.10	10.00	7.50
5.00	16.50	8.00	10.30	11.00	6.80
6.00	16.50	8.25	9.80	12.00	6.40
6.25	16.20	8.50	9.40	13.00	6.40
6.50	16.00	8.75	9.20	14.00	6.30

****

Lake # 223 9 SEP 85 (Day 252) Time: 15 00 CDT
Air Temperature: Wind: NE 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.2 (C)
Epilimnion Temperature: 16.3 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.20	7.25	13.80	9.50	8.10
1.00	16.30	7.50	12.70	9.50	8.10
2.00	16.30	7.75	11.80	9.75	7.90
3.00	16.30	8.00	11.40	10.00	7.80
4.00	16.30	8.25	10.10	11.00	7.20
5.00	16.30	8.50	9.90	12.00	6.80
6.00	16.20	8.75	9.40	13.00	6.70
7.00	15.30	9.00	9.20	14.00	6.60

****

Lake # 223 23 SEP 85 (Day 266) Time: 09 00 CDT
Air Temperature: 7 (C) Wind: NE 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 5 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.6 (C)
Epilimnion Temperature: 13.6 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.625 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.60	8.25	12.70	10.25	7.90
1.00	13.60	8.50	12.10	10.50	7.70
2.00	13.60	8.75	10.90	10.75	7.40
3.00	13.60	9.00	9.70	11.00	7.30
4.00	13.60	9.25	9.30	12.00	6.80
5.00	13.60	9.50	8.90	13.00	6.60
6.00	13.60	9.75	8.50	14.00	6.50
7.00	13.50	10.00	8.00	14.50	6.50
8.00	13.40				

****

Lake # 223 7 OCT 85 (Day 280) Time: 08 30 CDT
Air Temperature: 6 (C) Wind: 0 - 0 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.4 (C)
Epilimnion Temperature: 9.4 (C) Epilimnion Depth (1 C/M): 11.125 (M)
Planar-Thermocline : 11.125 (M) Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.40	6.00	9.40	11.25	8.50
1.00	9.40	7.00	9.40	11.50	7.70
2.00	9.40	8.00	9.40	11.75	7.40
3.00	9.40	9.00	9.40	12.00	7.10
4.00	9.40	10.00	9.40	13.00	6.70
5.00	9.40	11.00	9.30	14.00	6.60

Lake # 223 23 OCT 85 (Day 296) Time: 08 49 CDT
Air Temperature: 13.5 (C) Wind: SW 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 8 (C)
Epilimnion Temperature: 7.7 (C) Epilimnion Depth (1 C/M): 14 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.00	5.00	7.50	10.00	7.40
1.00	7.70	6.00	7.40	11.00	7.40
2.00	7.60	7.00	7.40	12.00	7.40
3.00	7.50	8.00	7.40	13.00	7.40
4.00	7.50	9.00	7.40	14.00	7.30

Lake # 224 6 MAY 85 (Day 126) Time: 11 05 CDT
Air Temperature: 12 (C) Wind: S 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.4 (C)
Epilimnion Temperature: 11.2 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.40	7.00	7.40	17.00	4.60
1.00	11.20	8.00	6.80	18.00	4.60
2.00	11.10	9.00	6.40	19.00	4.50
3.00	10.90	10.00	5.80	20.00	4.50
3.25	10.60	11.00	5.40	21.00	4.50
3.50	10.60	12.00	5.10	22.00	4.50
3.75	9.10	13.00	4.90	23.00	4.40
4.00	9.00	14.00	4.80	24.00	4.40
5.00	8.30	15.00	4.80	25.00	4.40
6.00	7.70	16.00	4.70		

Lake # 224 21 MAY 85 (Day 141) Time: 13 39 CDT
Air Temperature: 19 (C) Wind: E 5 - 10 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.9 (C)
Epilimnion Temperature: 13.5 (C) Epilimnion Depth (1 C/M): 5.625 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.90	6.50	8.40	16.00	4.90
1.00	13.50	6.75	8.20	17.00	4.80
2.00	13.40	7.00	8.00	18.00	4.70
3.00	13.20	8.00	7.20	19.00	4.70
4.00	13.10	9.00	6.60	20.00	4.60
5.00	12.80	10.00	6.00	21.00	4.60
5.25	12.70	11.00	5.70	22.00	4.60
5.50	12.60	12.00	5.50	23.00	4.60
5.75	9.90	13.00	5.30	24.00	4.60
6.00	9.30	14.00	5.00	25.00	4.60
6.25	8.80	15.00	5.00		

Lake # 224 3 JUN 85 (Day 154) Time: 09 50 CDT
Air Temperature: 15 (C) Wind: 0 - 0 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 5.9 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.7 (C)
Epilimnion Temperature: 14.6 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.70	6.50	9.30	16.00	4.80
1.00	14.60	6.75	9.10	17.00	4.70
2.00	14.40	7.00	8.40	18.00	4.60
3.00	14.40	8.00	7.70	19.00	4.50
4.00	14.40	9.00	6.90	20.00	4.50
5.00	14.20	10.00	6.40	21.00	4.50
5.25	13.40	11.00	5.90	22.00	4.50
5.50	13.20	12.00	5.60	23.00	4.50
5.75	11.70	13.00	5.20	24.00	4.40
6.00	11.10	14.00	5.00	25.00	4.40
6.25	9.90	15.00	4.90	26.00	4.40

Lake # 224 19 JUN 85 (Day 170) Time: 09 32 CDT
Air Temperature: 21 (C) Wind: NE 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 6.3 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.4 (C)
Epilimnion Temperature: 16.2 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.40	7.00	10.50	14.00	5.20
1.00	16.20	7.25	9.30	15.00	5.00
2.00	16.20	7.50	9.00	16.00	4.90
3.00	16.10	7.75	8.50	17.00	4.80
4.00	16.10	8.00	8.20	18.00	4.70
5.00	15.80	8.25	7.70	19.00	4.70
5.25	15.40	8.50	7.60	20.00	4.60
5.50	15.30	8.75	7.40	21.00	4.60
5.75	14.90	9.00	7.20	22.00	4.50
6.00	14.40	10.00	6.70	23.00	4.50
6.25	13.30	11.00	6.20	24.00	4.50
6.50	12.60	12.00	5.80	25.00	4.40
6.75	11.80	13.00	5.50	26.00	4.40

Lake # 224 1 JUL 85 (Day 182) Time: 15 04 CDT
Air Temperature: 25 (C) Wind: NW 5 - 10 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 6.3 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.9 (C)
Epilimnion Temperature: 18.7 (C) Epilimnion Depth (1 C/M): 1.125 (M)
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 9.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.90	7.00	12.10	14.00	5.60
1.00	18.70	7.25	11.10	15.00	5.30
1.25	18.30	7.50	10.50	16.00	5.10
1.50	18.10	7.75	9.90	17.00	5.00
1.75	17.70	8.00	9.20	18.00	4.90
2.00	17.30	8.25	8.60	19.00	4.80
3.00	16.70	8.50	8.30	20.00	4.80
4.00	16.10	8.75	8.10	21.00	4.70
5.00	15.80	9.00	7.90	22.00	4.70
6.00	15.40	10.00	7.40	23.00	4.70
6.25	15.10	11.00	6.80	24.00	4.70
6.50	15.00	12.00	6.50	25.00	4.70
6.75	14.40	13.00	6.00	26.00	4.60

Lake # 224 17 JUL 85 (Day 198) Time: 09 52 CDT
Air Temperature: 22 (C) Wind: 0 - 0 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 7.7 (M) Water Color: PALE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.6 (C)
Epilimnion Temperature: 20.4 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.60	7.25	13.10	13.00	6.20
1.00	20.40	7.50	12.50	14.00	5.90
2.00	20.30	7.75	11.30	15.00	5.60
3.00	20.30	8.00	10.70	16.00	5.50
4.00	20.00	8.25	10.30	17.00	5.30
5.00	19.20	8.50	9.80	18.00	5.10
5.25	18.30	8.75	9.40	19.00	5.10
5.50	17.90	9.00	9.10	20.00	4.90
5.75	17.50	9.25	9.00	21.00	4.90
6.00	17.00	9.50	8.60	22.00	4.80
6.25	16.50	9.75	8.40	23.00	4.80
6.50	16.00	10.00	8.10	24.00	4.80
6.75	15.00	11.00	7.30	25.00	4.70
7.00	13.80	12.00	6.80		

Lake # 224 29 JUL 85 (Day 210) Time: 09 45 CDT
Air Temperature: 19 (C) Wind: 0 - 0 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 8 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.1 (C)
Epilimnion Temperature: 20.1 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.10	8.00	12.50	13.00	6.60
1.00	20.10	8.25	11.50	14.00	6.20
2.00	20.00	8.50	11.20	15.00	5.90
3.00	20.00	8.75	10.70	16.00	5.60
4.00	19.90	9.00	10.20	17.00	5.50
5.00	19.90	9.25	9.70	18.00	5.30
6.00	19.40	9.50	9.10	19.00	5.10
6.25	18.30	9.75	9.00	20.00	5.00
6.50	17.70	10.00	8.60	21.00	4.90
6.75	16.60	10.25	8.10	22.00	4.90
7.00	15.90	10.50	7.90	23.00	4.80
7.25	15.00	10.75	7.70	24.00	4.80
7.50	14.00	11.00	7.60	25.00	4.80
7.75	13.30	12.00	6.90		

Lake # 224 12 AUG 85 (Day 224) Time: 08 39 CDT
Air Temperature: 15 (C) Wind: N 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 6.2 (M) Water Color: PALE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.1 (C)
Epilimnion Temperature: 20.2 (C) Epilimnion Depth (1 C/M): 6.375 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.10	8.00	13.40	15.00	5.80
1.00	20.20	8.25	12.60	16.00	5.60
2.00	20.10	8.50	11.90	17.00	5.50
3.00	20.20	8.75	11.30	18.00	5.20
4.00	20.20	9.00	10.70	19.00	5.10
5.00	20.20	9.25	10.10	20.00	5.10
6.00	20.20	9.50	9.50	21.00	5.00
6.25	20.10	9.75	9.30	22.00	5.00
6.50	19.30	10.00	8.70	23.00	4.90
6.75	18.40	11.00	7.80	24.00	4.90
7.00	17.20	12.00	7.30	25.00	4.90
7.25	15.90	13.00	6.80	26.00	4.90
7.50	15.20	14.00	6.30	26.50	4.80
7.75	14.10				

Lake # 224 26 AUG 85 (Day 238) Time: 08 32 CDT
Air Temperature: 19 (C) Wind: S 5 - 10 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 5.6 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.4 (C)
Epilimnion Temperature: 17.5 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.625 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.40	9.00	12.00	15.00	6.00
1.00	17.50	9.25	11.10	16.00	5.80
2.00	17.50	9.50	10.30	17.00	5.60
3.00	17.30	9.75	9.90	18.00	5.50
4.00	17.20	10.00	9.40	19.00	5.40
5.00	17.10	10.25	9.30	20.00	5.20
6.00	17.00	10.50	9.10	21.00	5.10
7.00	16.90	10.75	8.90	22.00	5.00
8.00	16.10	11.00	8.40	23.00	5.00
8.25	15.60	12.00	7.60	24.00	5.00
8.50	15.00	13.00	6.90	25.00	4.90
8.75	13.50	14.00	6.50	26.00	4.90

Lake # 224 9 SEP 85 (Day 252) Time: 14 00 CDT
Air Temperature: Wind: NE 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 7 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.3 (C)
Epilimnion Temperature: 16.4 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.875 (M) Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.30	9.25	12.50	14.00	6.40
1.00	16.40	9.50	11.50	15.00	6.00
2.00	16.40	9.75	10.80	16.00	5.80
3.00	16.40	10.00	10.20	17.00	5.60
4.00	16.40	10.25	9.50	18.00	5.50
5.00	16.40	10.50	9.20	19.00	5.40
6.00	16.40	10.75	9.10	20.00	5.20
7.00	16.40	11.00	8.60	21.00	5.10
8.00	16.20	11.25	8.10	22.00	5.10
8.25	15.30	11.50	7.70	23.00	5.10
8.50	15.10	11.75	7.70	24.00	5.00
8.75	14.40	12.00	7.60	25.00	5.00
9.00	13.40	13.00	7.00	26.50	5.00

Lake # 224 23 SEP 85 (Day 266) Time: 10 11 CDT
Air Temperature: 6 (C) Wind: NW 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 6.4 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.7 (C)
Epilimnion Temperature: 13.8 (C) Epilimnion Depth (1 C/M): 9.875 (M)
Planar-Thermocline : 10.125 (M) Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.70	9.75	13.60	15.00	6.30
1.00	13.80	10.00	12.70	16.00	6.00
2.00	13.80	10.25	10.60	17.00	5.80
3.00	13.80	10.50	10.20	18.00	5.60
4.00	13.80	10.75	9.60	19.00	5.50
5.00	13.80	11.00	9.20	20.00	5.40
6.00	13.90	11.25	8.50	21.00	5.20
7.00	13.90	11.50	8.50	22.00	5.10
8.00	13.90	11.75	8.30	23.00	5.10
9.00	13.80	12.00	8.10	24.00	5.00
9.25	13.70	13.00	7.30	25.00	5.00
9.50	13.70	14.00	6.70	26.00	5.00

Lake # 224 7 OCT 85 (Day 280) Time: 16 45 CDT
Air Temperature: 6 (C) Wind: NE 0 - 5 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 5.2 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10 (C)
Epilimnion Temperature: 10 (C) Epilimnion Depth (1 C/M): 12.125 (M)
Planar-Thermocline : 12.125 (M) Change at Planar-Thermo: 2.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.00	11.00	10.00	18.00	5.60
1.00	10.00	12.00	9.80	19.00	5.50
2.00	10.00	12.25	9.10	20.00	5.40
3.00	10.00	12.50	8.70	21.00	5.20
4.00	10.00	12.75	8.30	22.00	5.10
5.00	10.00	13.00	7.60	23.00	5.10
6.00	10.00	14.00	6.80	24.00	5.10
7.00	10.00	15.00	6.40	25.00	5.00
8.00	10.00	16.00	6.00	26.00	5.00
9.00	10.00	17.00	5.80	26.50	5.00
10.00	10.00				

Lake # 224 29 OCT 85 (Day 302) Time: 10 32 CDT
Air Temperature: 10 (C)
Cloud Cover: 2 /10
Secchi Visibility: 4.9 (M)
Inflow Temperature:
Surface Temperature: 7.1 (C)
Epilimnion Temperature: 7 (C)
Planar-Thermocline : 19.5 (M)
Wind: SW 10 - 15 KMPH
Weather Description:
Water Color: PALE -GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 26 (M)
Change at Planar-Thermo: 0.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.10	9.00	7.00	18.00	6.80
1.00	7.00	10.00	7.00	19.00	6.60
2.00	7.00	11.00	7.00	20.00	6.10
3.00	7.00	12.00	7.00	21.00	5.60
4.00	7.00	13.00	7.00	22.00	5.50
5.00	7.00	14.00	7.00	23.00	5.40
6.00	7.00	15.00	7.00	24.00	5.20
7.00	7.00	16.00	7.00	25.00	5.20
8.00	7.00	17.00	7.00	26.00	5.20

Lake # 226 N 13 MAY 85 (Day 133) Time: 09 36 CDT
Air Temperature: 12 (C) Wind: SW 0 - 5 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 2.9 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.5 (C)
Epilimnion Temperature: 13.5 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.50	4.25	7.80	9.00	4.70
1.00	13.50	4.50	7.50	10.00	4.60
2.00	13.50	4.75	7.20	11.00	4.60
3.00	12.70	5.00	6.80	12.00	4.60
3.25	11.90	6.00	5.80	13.00	4.60
3.50	10.70	7.00	5.20	14.00	4.50
3.75	9.30	8.00	4.90	15.00	4.50
4.00	8.60				

Lake # 226 N 29 MAY 85 (Day 149) Time: 09 55 CDT
Air Temperature: 12 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.9 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.6 (C)
Epilimnion Temperature: 16.6 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.60	4.00	10.10	7.00	4.20
1.00	16.60	4.25	8.70	8.00	3.90
2.00	16.00	4.50	8.10	9.00	3.50
2.25	15.40	4.75	7.90	10.00	3.60
2.50	15.10	5.00	6.60	11.00	3.50
2.75	14.70	5.25	5.80	12.00	3.50
3.00	13.60	5.50	5.50	13.00	3.50
3.25	13.00	5.75	5.10	14.00	3.50
3.50	12.30	6.00	4.70	15.00	3.50
3.75	11.30				

Lake # 226 N 10 JUN 85 (Day 161)
Air Temperature: 12 (C) Time: 10 00 CDT
Cloud Cover: 1 /10 Wind: SW 0 - 5 KMPH
Secchi Visibility: 2.6 (M) Weather Description:
Inflow Temperature: Water Color: YELLOW
Surface Temperature: 14.8 (C) Outflow Temperature:
Epilimnion Temperature: 14.8 (C)
Planar-Thermocline : 4.875 (M) Epilimnion Depth (1 C/M): 4.625 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.80	5.00	10.20	9.00	4.80
1.00	14.80	5.25	8.70	10.00	4.70
2.00	14.60	5.50	8.00	11.00	4.60
3.00	14.60	5.75	7.50	12.00	4.60
4.00	14.50	6.00	6.90	13.00	4.60
4.50	14.40	7.00	5.60	14.00	4.50
4.75	13.40	8.00	5.00	14.50	4.50

Lake # 226 N 26 JUN 85 (Day 177)
Air Temperature: 14.5 (C) Time: 11 22 CDT
Cloud Cover: 10 /10 Wind: 0 - 0 KMPH
Secchi Visibility: 3.1 (M) Weather Description:
Inflow Temperature: Water Color: YELLOW-BROWN
Surface Temperature: 16 (C) Outflow Temperature:
Epilimnion Temperature: 16 (C)
Planar-Thermocline : 5.125 (M) Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.00	5.00	11.90	7.00	6.30
1.00	16.00	5.25	10.10	8.00	5.60
2.00	16.00	5.50	9.60	9.00	5.10
3.00	16.00	5.75	9.10	10.00	4.80
4.00	15.40	6.00	8.60	11.00	4.70
4.25	15.00	6.25	7.20	12.00	4.60
4.50	14.40	6.50	6.90	13.00	4.60
4.75	13.50	6.75	6.60	14.00	4.60

Lake # 226 N 8 JUL 85 (Day 189) Time: 09 20 CDT
Air Temperature: 20 (C) Wind: E 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.9 (C)
Epilimnion Temperature: 22.9 (C) Epilimnion Depth (1 C/M): 1.625 (M)
Planar-Thermocline : 1.625 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.90	4.00	16.10	6.75	7.00
1.00	22.90	4.50	15.20	7.00	6.60
1.50	22.50	4.75	14.40	8.00	5.80
1.75	20.80	5.00	13.30	9.00	5.20
2.00	20.30	5.25	12.20	10.00	4.90
2.25	19.20	5.50	11.00	11.00	4.70
2.50	18.60	5.75	9.80	12.00	4.70
2.75	17.90	6.00	9.00	13.00	4.60
3.00	17.40	6.25	8.20	14.00	4.60
3.50	16.70	6.50	7.50	14.50	4.60

Lake # 226 N 24 JUL 85 (Day 205) Time: 11 15 CDT
Air Temperature: 16 (C) Wind: NE 15 - 20 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 3.1 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.7 (C)
Epilimnion Temperature: 19.9 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.70	5.25	12.40	8.00	5.80
1.00	19.90	5.50	11.80	8.25	5.60
2.00	19.80	5.75	10.80	8.50	5.40
3.00	19.80	6.00	9.90	8.75	5.10
3.25	19.60	6.25	8.70	9.00	5.00
3.50	19.60	6.50	8.00	10.00	4.80
3.75	18.80	6.75	7.60	11.00	4.70
4.00	17.30	7.00	7.10	12.00	4.60
4.25	16.40	7.25	6.60	13.00	4.60
4.50	15.40	7.50	6.30	14.00	4.60
4.75	14.70	7.75	6.00	14.50	4.60
5.00	13.60				

Lake # 226 N 5 AUG 85 (Day 217) Time: 09 05 CDT
Air Temperature: 19 (C) Wind: N 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.9 (C)
Epilimnion Temperature: 20 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.90	4.75	13.50	7.25	5.60
1.00	20.00	5.00	12.50	7.50	5.20
2.00	20.00	5.25	11.30	7.75	5.00
3.00	19.70	5.50	10.50	8.00	4.70
3.25	19.30	5.75	9.40	9.00	4.20
3.50	18.90	6.00	8.70	10.00	4.20
3.75	18.50	6.25	7.70	11.00	4.20
4.00	16.90	6.50	7.30	12.00	4.20
4.25	15.60	6.75	6.70	13.00	4.10
4.50	14.60	7.00	6.30	14.00	4.00

Lake # 226 N 26 AUG 85 (Day 238) Time: 14 25 CDT
Air Temperature: 17 (C) Wind: S 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.7 (C)
Epilimnion Temperature: 17.9 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.70	6.00	11.70	8.00	6.50
1.00	17.90	6.25	10.60	9.00	5.70
2.00	17.30	6.50	10.00	10.00	5.10
3.00	16.30	6.75	9.30	11.00	4.90
4.00	16.00	7.00	8.40	12.00	4.80
5.00	15.30	7.25	7.80	13.00	4.70
5.25	14.70	7.50	7.10	14.00	4.70
5.50	14.00	7.75	6.70	15.00	4.70
5.75	12.70				

Lake # 226 N 2 SEP 85 (Day 245) Time: 09 45 CDT
Air Temperature: 13 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: BROWN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.5 (C)
Epilimnion Temperature: 16.6 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.50	5.75	13.10	8.25	6.30
1.00	16.60	6.00	11.90	8.50	6.10
2.00	16.60	6.25	10.70	8.75	5.90
3.00	16.70	6.50	10.00	9.00	5.70
4.00	16.50	6.75	9.20	10.00	5.10
4.25	16.00	7.00	8.10	11.00	5.00
4.50	15.80	7.25	7.60	12.00	4.90
4.75	15.50	7.50	7.30	13.00	4.90
5.00	15.10	7.75	7.10	14.00	4.80
5.25	14.50	8.00	6.70	14.75	4.70
5.50	13.70				

Lake # 226 N 20 SEP 85 (Day 263) Time: 09 40 CDT
Air Temperature: 3 (C) Wind: NW 20 - 30 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: PALE -BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.8 (C)
Epilimnion Temperature: 13.8 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 9.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.80	6.25	11.30	7.75	7.40
1.00	13.80	6.50	10.80	8.00	7.10
2.00	13.90	6.75	9.50	9.00	6.20
3.00	14.00	7.00	9.40	10.00	5.70
4.00	14.00	7.25	8.10	11.00	5.60
5.00	13.90	7.50	7.70	12.00	5.50
6.00	13.60				

Lake # 226 N 30 SEPT 85 (Day 273) Time: 08 45 CDT
Air Temperature: 6 (C) Wind: SW 0 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10 (C)
Epilimnion Temperature: 9.7 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.875 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.00	7.00	9.70	8.50	6.60
1.00	9.70	7.25	9.40	8.75	6.60
2.00	9.70	7.50	9.40	9.00	6.40
3.00	9.70	7.75	9.20	10.00	6.10
4.00	9.70	8.00	7.70	11.00	5.60
5.00	9.70	8.25	6.90	12.00	5.50
6.00	9.70				

Lake # 226 N 16 OCT 85 (Day 289) Time: 09 11 CDT
Air Temperature: 4 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.3 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.1 (C)
Epilimnion Temperature: 6 (C) Epilimnion Depth (1 C/M): 14.5 (M)
Planar-Thermocline : 13.5 (M) Change at Planar-Thermo: 0.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.10	6.00	6.00	11.00	6.00
1.00	6.00	7.00	6.00	12.00	6.00
2.00	6.00	8.00	6.00	13.00	5.90
3.00	6.00	9.00	6.00	14.00	5.00
4.00	6.00	10.00	6.00	14.50	4.80
5.00	6.00				

Lake # 226 N 30 OCT 85 (Day 303) Time: 08 50 CST
Air Temperature: 7 (C)
Cloud Cover: 1 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 5.9 (C)
Epilimnion Temperature: 5.9 (C)
Planar-Thermocline : .5 (M)
Wind: SW 10 - 15 KMPH
Weather Description:
Water Color: BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 14 (M)
Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.90	5.00	5.90	10.00	5.90
1.00	5.90	6.00	5.90	11.00	5.90
2.00	5.90	7.00	5.90	12.00	5.90
3.00	5.90	8.00	5.90	13.00	5.90
4.00	5.90	9.00	5.90	14.00	5.90

Lake # 226 S 13 MAY 85 (Day 133) Time: 08 59 CDT
Air Temperature: 11 (C) Wind: SW 0 - 5 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.5 (C)
Epilimnion Temperature: 13.5 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.50	3.75	9.30	5.75	6.10
1.00	13.50	4.00	8.60	6.00	5.90
2.00	13.30	4.25	8.00	7.00	5.50
2.25	13.00	4.50	7.70	8.00	5.10
2.50	12.70	4.75	7.50	9.00	4.90
2.75	12.10	5.00	7.10	10.00	4.80
3.00	11.60	5.25	6.60	11.00	4.80
3.25	10.70	5.50	6.30	11.50	4.90
3.50	10.10				

Lake # 226 S 29 MAY 85 (Day 149) Time: 10 20 CDT
Air Temperature: 10 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.7 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.8 (C)
Epilimnion Temperature: 13.8 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.80	3.75	9.00	5.75	3.40
1.00	13.80	4.00	7.90	6.00	3.00
2.00	13.80	4.25	6.30	7.00	2.30
2.25	13.70	4.50	6.00	8.00	1.90
2.50	13.30	4.75	5.50	9.00	1.70
2.75	12.60	5.00	4.50	10.00	1.60
3.00	11.20	5.25	3.80	11.00	1.60
3.25	10.40	5.50	3.70	11.50	1.60
3.50	9.80				

Lake # 226 S 10 JUN 85 (Day 161) Time: 09 30 CDT
Air Temperature: 12 (C) Wind: SW 5 - 10 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.6 (C)
Epilimnion Temperature: 14.6 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 9.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.60	5.00	9.10	7.00	5.80
1.00	14.60	5.00	9.10	8.00	5.20
2.00	14.60	5.25	8.20	9.00	5.00
3.00	14.60	5.50	7.70	10.00	4.90
4.00	14.50	5.75	7.20	11.00	4.90
4.25	13.30	6.00	6.70	11.50	4.90
4.75	11.50				

Lake # 226 S 26 JUN 85 (Day 177) Time: 10 55 CDT
Air Temperature: 14.5 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.3 (C)
Epilimnion Temperature: 16.3 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.30	5.00	10.40	6.75	6.40
1.00	16.30	5.25	9.30	7.00	6.10
2.00	16.30	5.50	9.00	8.00	5.20
3.00	15.80	5.75	8.20	9.00	5.00
4.00	15.20	6.00	7.60	10.00	4.90
4.25	13.90	6.25	7.10	11.00	4.90
4.50	12.70	6.50	6.70	12.00	4.90
4.75	11.40				

Lake # 226 S 8 JUL 85 (Day 189) Time: 08 40 CDT
Air Temperature: 19 (C) Wind: 0 - 0 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.8 (C)
Epilimnion Temperature: 22.6 (C) Epilimnion Depth (1 C/M): 1.125 (M)
Planar-Thermocline : 1.875 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.80	3.50	16.40	6.00	8.50
1.00	22.60	3.75	16.00	6.25	7.90
1.25	22.30	4.00	15.40	6.50	7.30
1.50	21.90	4.25	14.70	6.75	6.90
1.75	21.50	4.50	13.70	7.00	6.60
2.00	19.60	4.75	13.00	8.00	5.70
2.25	18.80	5.00	12.00	9.00	5.40
2.50	18.00	5.25	10.90	10.00	5.10
2.75	17.40	5.50	10.20	11.00	5.10
3.00	17.10	5.75	9.10	11.50	5.10
3.25	16.70				

Lake # 226 S 24 JUL 85 (Day 205) Time: 10 45 CDT
Air Temperature: 16 (C) Wind: NE 15 - 20 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.5 (C)
Epilimnion Temperature: 19.7 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.50	5.00	12.60	7.50	6.50
1.00	19.70	5.25	11.70	7.75	6.30
2.00	19.70	5.50	10.80	8.00	6.10
3.00	19.70	5.75	10.00	8.25	5.90
3.25	19.70	6.00	9.30	8.50	5.80
3.50	19.70	6.25	8.50	8.75	5.70
3.75	19.20	6.50	7.90	9.00	5.50
4.00	17.60	6.75	7.70	10.00	5.20
4.25	16.00	7.00	7.30	11.00	5.10
4.50	15.10	7.25	6.80	11.50	5.10
4.75	14.00				

Lake # 226 S 5 AUG 85 (Day 217) Time: 08 37 CDT
Air Temperature: 19 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.9 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.1 (C)
Epilimnion Temperature: 20.2 (C) Epilimnion Depth (1 C/M): 3.375 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.10	4.75	13.20	7.00	6.50
1.00	20.20	5.00	11.90	7.25	5.70
2.00	20.20	5.25	10.40	7.50	5.50
3.00	20.20	5.50	9.90	7.75	5.20
3.25	20.00	5.75	9.30	8.00	5.10
3.50	19.40	6.00	8.30	9.00	4.50
3.75	18.70	6.25	7.60	10.00	4.40
4.00	17.60	6.50	7.10	11.00	4.20
4.25	15.40	6.75	6.70	11.50	4.20
4.50	14.40				

Lake # 226 S 26 AUG 85 (Day 238) Time: 13 55 CDT
Air Temperature: 16 (C) Wind: S 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.5 (C)
Epilimnion Temperature: 17.3 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.50	5.75	11.90	7.50	7.20
1.00	17.30	6.00	10.70	7.75	6.80
2.00	16.70	6.25	9.80	8.00	6.60
3.00	16.40	6.50	9.30	9.00	5.90
4.00	16.20	6.75	8.50	10.00	5.60
5.00	15.50	7.00	7.80	11.00	5.50
5.25	13.80	7.25	7.50	11.75	5.50
5.50	13.00				

Lake # 226 S 2 SEP 85 (Day 245) Time: 08 45 CDT
Air Temperature: 13 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.5 (C)
Epilimnion Temperature: 16.6 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.50	5.50	12.70	7.75	7.40
1.00	16.60	5.75	11.90	8.00	7.10
2.00	16.60	6.00	11.00	8.25	6.50
3.00	16.60	6.25	9.40	8.50	6.40
4.00	16.50	6.50	9.10	8.75	6.20
4.25	16.00	6.75	8.60	9.00	6.10
4.50	15.90	7.00	8.30	10.00	5.70
4.75	15.60	7.25	7.70	11.00	5.60
5.00	14.70	7.50	7.60	11.75	5.40
5.25	13.70				

Lake # 226 S 20 SEP 85 (Day 263) Time: 10 20 CDT
Air Temperature: 2 (C) Wind: NW 25 - 35 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: TURBID-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.7 (C)
Epilimnion Temperature: 13.7 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.70	6.25	11.80	7.75	7.50
1.00	13.70	6.50	11.40	8.00	6.20
2.00	14.00	6.75	10.00	9.00	5.80
3.00	14.00	7.00	8.80	10.00	5.40
4.00	14.00	7.25	7.70	11.00	4.90
5.00	14.00	7.50	7.60	12.00	4.90
6.00	13.90				

Lake # 226 S 30 SEPT 85 (Day 273) Time: 09 20 CDT
Air Temperature: 6 (C) Wind: S 5 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: DARK -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.2 (C)
Epilimnion Temperature: 9.4 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.125 (M) Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.20	7.00	9.40	10.00	5.30
1.00	9.40	8.00	8.80	11.00	5.00
2.00	9.40	8.25	8.00	12.00	4.90
3.00	9.40	8.50	7.20	13.00	4.90
4.00	9.40	8.75	6.50	14.00	4.80
5.00	9.40	9.00	5.90	15.00	4.80
6.00	9.40				

Lake # 226 S 16 OCT 85 (Day 289) Time: 08 51 CDT
Air Temperature: 4 (C) Wind: 0 - 0 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.3 (C)
Epilimnion Temperature: 6.3 (C) Epilimnion Depth (1 C/M): 11 (M)
Planar-Thermocline : 10.5 (M) Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.30	4.00	6.30	8.00	6.30
1.00	6.30	5.00	6.30	9.00	6.30
2.00	6.30	6.00	6.30	10.00	6.30
3.00	6.30	7.00	6.30	11.00	6.20

Lake # 226 S 30 OCT 85 (Day 303) Time: 08 50 CST
Air Temperature: 2 (C) Wind: SW 5 - 10 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.1 (C)
Epilimnion Temperature: 6 (C) Epilimnion Depth (1 C/M): 11 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.10	4.00	6.00	8.00	6.00
1.00	6.00	5.00	6.00	9.00	6.00
2.00	6.00	6.00	6.00	10.00	5.90
3.00	6.00	7.00	6.00	11.00	5.90

Lake # 227 14 MAY 85 (Day 134) Time: 09 26 CDT
Air Temperature: 15 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.6 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.8 (C)
Epilimnion Temperature: 14.7 (C) Epilimnion Depth (1 C/M): 1.125 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.80	2.50	9.10	5.00	4.60
1.00	14.70	2.75	7.70	6.00	4.40
1.25	13.50	3.00	6.80	7.00	4.30
1.50	12.70	3.25	6.40	8.00	4.20
1.75	11.60	3.50	5.90	9.00	4.10
2.00	10.80	3.75	5.60	10.00	4.10
2.25	10.10	4.00	5.10	10.50	4.20

Lake # 227 28 MAY 85 (Day 148) Time: 10 16 CDT
Air Temperature: 20 (C) Wind: SW 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 1.2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.6 (C)
Epilimnion Temperature: 17.3 (C) Epilimnion Depth (1 C/M): 1.125 (M)
Planar-Thermocline : 2.375 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.60	2.75	9.30	4.75	4.60
1.00	17.30	3.00	7.70	5.00	4.50
1.25	16.90	3.25	7.20	6.00	4.40
1.50	16.10	3.50	6.60	7.00	4.20
1.75	14.60	3.75	5.80	8.00	4.20
2.00	13.90	4.00	5.40	9.00	4.20
2.25	12.30	4.25	5.40	10.00	4.10
2.50	10.40	4.50	4.80		

Lake # 227 11 JUN 85 (Day 162) Time: 09 16 CDT
Air Temperature: 15 (C) Wind: 0 - 0 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 1.5 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.9 (C)
Epilimnion Temperature: 14.8 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.90	3.25	8.00	5.00	4.80
1.00	14.80	3.50	7.20	6.00	4.40
2.00	14.50	3.75	6.60	7.00	4.20
2.25	14.20	4.00	6.20	8.00	4.10
2.50	13.50	4.25	5.40	9.00	4.10
2.75	11.50	4.50	5.10	10.00	4.10
3.00	9.70	4.75	4.90		

Lake # 227 25 JUN 85 (Day 176) Time: 09 30 CDT
Air Temperature: 16 (C) Wind: SW 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: .9 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.6 (C)
Epilimnion Temperature: 15.6 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.60	3.25	10.60	5.00	5.10
1.00	15.60	3.50	9.30	6.00	4.30
2.00	15.00	3.75	8.10	7.00	4.20
2.25	14.80	4.00	7.20	8.00	4.10
2.50	14.60	4.25	6.50	9.00	4.00
2.75	13.00	4.50	5.90	10.00	4.00
3.00	11.90	4.75	5.50	10.25	4.00

Lake # 227 9 JUL 85 (Day 190) Time: 10 50 CDT
Air Temperature: 23 (C) Wind: N 15 - 20 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: .5 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.7 (C)
Epilimnion Temperature: 22.9 (C) Epilimnion Depth (1 C/M): 1.125 (M)
Planar-Thermocline : 1.375 (M) Change at Planar-Thermo: 9.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.70	2.75	13.40	4.75	5.90
1.00	22.90	3.00	12.10	5.00	5.60
1.25	22.00	3.25	10.80	6.00	4.70
1.50	19.60	3.50	9.50	7.00	4.40
1.75	17.40	3.75	8.30	8.00	4.30
2.00	16.20	4.00	7.60	9.00	4.20
2.25	15.20	4.25	6.90	10.00	4.20
2.50	14.40	4.50	6.40		

Lake # 227 24 JUL 85 (Day 205) Time: 19 32 CDT
Air Temperature: 19 (C) Wind: N 0 - 5 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: .5 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.1 (C)
Epilimnion Temperature: 20.3 (C) Epilimnion Depth (1 C/M): .625 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.10	2.25	17.20	4.50	6.70
0.25	22.10	2.50	15.50	4.75	6.20
0.50	22.10	2.75	13.70	5.00	5.80
0.75	21.60	3.00	12.10	6.00	4.90
1.00	20.30	3.25	10.00	7.00	4.60
1.25	20.00	3.50	9.00	8.00	4.40
1.50	19.90	3.75	8.30	9.00	4.30
1.75	19.70	4.00	7.70	10.00	4.30
2.00	18.90	4.25	6.90		

Lake # 227 6 AUG 85 (Day 218) Time: 09 10 CDT
Air Temperature: 18 (C) Wind: NW 0 - 5 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: .8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.4 (C)
Epilimnion Temperature: 20.5 (C) Epilimnion Depth (1 C/M): 1.125 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.40	3.00	12.10	5.25	4.70
1.00	20.50	3.25	10.60	5.50	4.50
1.25	20.10	3.50	9.60	5.75	4.50
1.50	19.50	3.75	8.20	6.00	4.40
1.75	18.90	4.00	7.30	7.00	3.80
2.00	17.90	4.25	6.60	8.00	3.60
2.25	16.50	4.50	6.10	9.00	3.60
2.50	15.20	4.75	5.70	10.00	3.60
2.75	13.50	5.00	5.10		

Lake # 227 20 AUG 85 (Day 232) Time: 08 56 CDT
Air Temperature: 17 (C) Wind: 0 - 0 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: .8 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.8 (C)
Epilimnion Temperature: 15 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.80	4.25	8.60	6.25	5.00
1.00	15.00	4.50	7.90	6.50	4.90
2.00	15.00	4.75	7.30	6.75	4.80
3.00	14.00	5.00	6.80	7.00	4.70
3.25	12.90	5.25	6.20	8.00	4.50
3.50	11.90	5.50	5.80	9.00	4.30
3.75	10.90	5.75	5.60	10.00	4.30
4.00	9.40	6.00	5.40		

Lake # 227 3 SEP 85 (Day 246) Time: 09 20 CDT
Air Temperature: 13 (C) Wind: NE 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: .8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.6 (C)
Epilimnion Temperature: 15.6 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.60	3.50	11.30	5.50	5.90
1.00	15.60	3.75	10.90	5.75	5.70
2.00	15.60	4.00	9.50	6.00	5.40
2.25	15.50	4.25	9.10	7.00	4.80
2.50	15.50	4.50	7.50	8.00	4.50
2.75	15.20	4.75	7.40	9.00	4.40
3.00	14.10	5.00	7.20	10.00	4.40
3.25	12.70	5.25	6.00		

Lake # 227 17 SEP 85 (Day 260) Time: 10 02 CDT
Air Temperature: 17 (C) Wind: S 15 - 20 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 1.2 (M) Water Color: TURBID-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.1 (C)
Epilimnion Temperature: 14.9 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.10	4.00	9.90	5.75	5.70
1.00	14.90	4.25	9.30	6.00	5.50
2.00	14.60	4.50	8.20	7.00	4.90
3.00	14.00	4.75	7.60	8.00	4.60
3.25	13.00	5.00	7.00	9.00	4.50
3.50	11.60	5.25	6.20	10.00	4.40
3.75	10.70	5.50	6.00	10.20	4.40

Lake # 227 1 OCT 85 (Day 274) Time: 10 54 CDT
Air Temperature: 5 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.1 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 8.5 (C)
Epilimnion Temperature: 8.4 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.50	5.00	7.90	7.00	4.90
1.00	8.40	5.25	7.30	8.00	4.60
2.00	8.30	5.50	6.80	9.00	4.50
3.00	8.20	5.75	5.90	10.00	4.40
4.00	8.20	6.00	5.50		

Lake # 227 8 OCT 85 (Day 281) Time:
Air Temperature: 2 (C) Wind: NE 30 - 35 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.4 (C)
Epilimnion Temperature: 6.4 (C) Epilimnion Depth (1 C/M): 7.5 (M)
Planar-Thermocline : 7.5 (M) Change at Planar-Thermo: 1.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.40	4.00	6.50	8.00	5.00
1.00	6.40	5.00	6.50	9.00	4.60
2.00	6.50	6.00	6.50	10.00	4.50
3.00	6.50	7.00	6.00		

Lake # 227 21 OCT 85 (Day 294) Time: 09 35 CDT
Air Temperature: 10 (C) Wind: SW 0 - 8 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 1.4 (M) Water Color: ORANGE-YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 5.8 (C)
Epilimnion Temperature: 5.7 (C) Epilimnion Depth (1 C/M): 10 (M)
Planar-Thermocline : 4.5 (M) Change at Planar-Thermo: 0.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.80	4.00	5.40	8.00	4.90
1.00	5.70	5.00	5.10	9.00	4.90
2.00	5.50	6.00	5.00	10.00	4.60
3.00	5.50	7.00	4.90		

Lake # 239 14 MAY 85 (Day 134) Time: 08 15 CDT
Air Temperature: 14.5 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.1 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.4 (C)
Epilimnion Temperature: 13.3 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.40	7.00	7.80	19.00	5.00
1.00	13.30	8.00	7.30	20.00	4.90
2.00	13.30	9.00	6.60	21.00	4.80
3.00	13.30	10.00	6.30	22.00	4.80
4.00	12.40	11.00	6.20	23.00	4.80
4.25	11.80	12.00	6.00	24.00	4.70
4.50	11.50	13.00	5.90	25.00	4.70
4.75	11.20	14.00	5.70	26.00	4.70
5.00	10.80	15.00	5.60	27.00	4.70
5.25	9.90	16.00	5.50	28.00	4.70
5.50	9.50	17.00	5.20	29.00	4.60
5.75	9.10	18.00	5.10	30.00	4.60
6.00	8.70				

Lake # 239 4 JUN 85 (Day 155) Time: 01 24 CDT
Air Temperature: 13 (C) Wind: NW 5 - 10 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.9 (C)
Epilimnion Temperature: 14.9 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.90	7.25	8.40	18.00	5.20
1.00	14.90	7.50	7.80	19.00	5.20
2.00	14.80	7.75	7.60	20.00	5.10
3.00	14.80	8.00	7.40	21.00	5.00
4.00	14.70	9.00	6.60	22.00	4.90
5.00	13.80	10.00	6.30	23.00	4.80
5.25	13.10	11.00	6.00	24.00	4.80
5.50	13.10	12.00	5.90	25.00	4.80
5.75	12.90	13.00	5.80	26.00	4.70
6.00	11.80	14.00	5.70	27.00	4.70
6.25	11.10	15.00	5.60	28.00	4.70
6.50	10.80	16.00	5.50	29.00	4.70
6.75	10.40	17.00	5.40	30.00	4.60
7.00	9.20				

Lake # 239 11 JUN 85 (Day 162) Time: 08 22 CDT
Air Temperature: 13 (C) Wind: NE 5 - 10 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.2 (C)
Epilimnion Temperature: 14.4 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.20	7.75	8.10	20.00	5.10
1.00	14.40	8.00	7.70	21.00	5.00
2.00	14.40	9.00	7.00	22.00	5.00
3.00	14.40	10.00	6.50	23.00	4.90
4.00	14.40	11.00	6.30	24.00	4.80
5.00	14.00	12.00	6.10	25.00	4.80
6.00	13.90	13.00	5.90	26.00	4.80
6.25	13.40	14.00	5.70	27.00	4.80
6.50	12.90	15.00	5.60	28.00	4.80
6.75	11.30	16.00	5.50	29.00	4.70
7.00	10.60	17.00	5.40	30.00	4.70
7.25	9.40	18.00	5.20	30.50	4.70
7.50	8.70	19.00	5.20		

Lake # 239 27 JUN 85 (Day 178) Time: 08 04 CDT
Air Temperature: 14 (C) Wind: NE 20 - 25 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.3 (C)
Epilimnion Temperature: 15.3 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 9.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.30	8.00	8.70	19.00	5.00
1.00	15.30	8.25	8.20	20.00	4.90
2.00	15.30	8.50	7.70	21.00	4.90
3.00	15.30	8.75	7.40	22.00	4.80
4.00	15.30	9.00	7.10	23.00	4.70
5.00	15.20	10.00	6.50	24.00	4.70
6.00	14.70	11.00	6.20	25.00	4.60
6.25	14.40	12.00	5.90	26.00	4.50
6.50	13.90	13.00	5.70	27.00	4.50
6.75	13.60	14.00	5.60	28.00	4.50
7.00	13.20	15.00	5.50	29.00	4.50
7.25	10.90	16.00	5.40	30.00	4.50
7.50	10.10	17.00	5.20	31.00	4.50
7.75	9.20	18.00	5.10		

Lake # 239 9 JUL 85 (Day 190) Time: 08 20 CDT
Air Temperature: 17 (C) Wind: N 0 - 10 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.9 (C)
Epilimnion Temperature: 22 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.90	7.00	12.90	17.00	5.60
1.00	22.00	7.50	11.90	18.00	5.20
2.00	22.00	7.75	11.10	19.00	5.20
2.50	21.70	8.00	10.30	20.00	5.10
2.75	19.50	8.25	9.30	21.00	5.10
3.00	19.00	8.50	8.90	22.00	5.10
3.25	18.20	8.75	8.20	23.00	5.10
3.50	17.30	9.00	7.80	24.00	5.10
3.75	16.50	10.00	6.90	25.00	4.80
4.00	16.10	11.00	6.50	26.00	4.60
4.50	15.60	12.00	6.30	27.00	4.60
5.00	15.40	13.00	6.10	28.00	4.60
6.00	14.90	14.00	6.00	29.00	4.60
6.50	14.10	15.00	5.80	30.00	4.70
6.75	13.30	16.00	5.60		

Lake # 239 26 JUL 85 (Day 207) Time: 13 09 CDT
Air Temperature: 21 (C) Wind: N 0 - 5 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.5 (C)
Epilimnion Temperature: 20.2 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.50	7.50	10.80	17.00	5.40
1.00	20.20	7.75	10.30	18.00	5.20
2.00	20.00	8.00	9.60	19.00	5.10
3.00	19.90	8.25	8.90	20.00	5.00
4.00	19.40	8.50	8.30	21.00	4.90
5.00	18.50	8.75	8.00	22.00	4.90
5.25	17.40	9.00	7.80	23.00	4.80
5.50	16.20	10.00	7.10	24.00	4.70
5.75	15.40	11.00	6.60	25.00	4.60
6.00	14.90	12.00	6.40	26.00	4.60
6.25	13.60	13.00	6.20	27.00	4.60
6.50	13.30	14.00	6.00	28.00	4.60
6.75	12.70	15.00	5.80	29.00	4.60
7.00	11.90	16.00	5.60	30.00	4.60
7.25	11.30				

Lake # 239 6 AUG 85 (Day 218) Time: 08 33 CDT
Air Temperature: 17 (C) Wind: W 10 - 15 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21 (C)
Epilimnion Temperature: 21 (C) Epilimnion Depth (1 C/M): 4.375 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.00	7.00	12.70	16.00	5.60
1.00	21.00	7.25	11.90	17.00	5.50
2.00	20.90	7.50	11.30	18.00	5.40
3.00	20.80	7.75	10.30	19.00	5.10
4.00	20.70	8.00	9.90	20.00	5.10
4.25	20.60	8.25	9.20	21.00	5.00
4.50	19.90	8.50	9.10	22.00	4.90
4.75	19.50	8.75	8.20	23.00	4.80
5.00	18.80	9.00	8.00	24.00	4.80
5.25	18.20	10.00	7.20	25.00	4.80
5.50	17.20	11.00	6.80	26.00	4.70
5.75	16.20	12.00	6.50	27.00	4.70
6.00	15.00	13.00	6.10	28.00	4.70
6.25	14.20	14.00	5.90	29.00	4.70
6.50	13.70	15.00	5.80	30.00	4.70
6.75	13.20				

Lake # 239 3 SEP 85 (Day 246) Time: 09 42 CDT
Air Temperature: 11 (C) Wind: NE 5 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.4 (C)
Epilimnion Temperature: 16.4 (C) Epilimnion Depth (1 C/M): 6.375 (M)
Planar-Thermocline : 8.375 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.40	8.00	11.60	19.00	5.10
1.00	16.40	8.25	10.40	20.00	5.10
2.00	16.30	8.50	9.10	21.00	5.00
3.00	16.30	8.75	8.80	22.00	4.90
4.00	16.30	9.00	8.30	23.00	4.80
5.00	16.30	10.00	7.70	24.00	4.80
6.00	16.30	11.00	7.00	25.00	4.80
6.25	16.10	12.00	6.60	26.00	4.70
6.50	15.60	13.00	6.40	27.00	4.70
6.75	15.20	14.00	6.00	28.00	4.70
7.00	15.00	15.00	5.90	29.00	4.70
7.25	14.30	16.00	5.70	30.00	4.70
7.50	13.80	17.00	5.50	30.50	4.70
7.75	12.80	18.00	5.30		

Lake # 239 19 SEP 85 (Day 262) Time: 11 30 CDT
Air Temperature: 11 (C) Wind: NE 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.6 (C)
Epilimnion Temperature: 14.6 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 9.125 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.60	9.25	9.20	19.00	5.20
1.00	14.60	9.50	8.50	20.00	5.10
2.00	14.60	9.75	8.10	21.00	5.00
3.00	14.60	10.00	8.00	22.00	4.90
4.00	14.60	11.00	7.30	23.00	4.90
5.00	14.60	12.00	6.90	24.00	4.90
6.00	14.50	13.00	6.50	25.00	4.90
7.00	14.60	14.00	6.20	26.00	4.80
8.00	14.20	15.00	6.00	27.00	4.70
8.25	13.50	16.00	5.80	28.00	4.70
8.50	12.40	17.00	5.60	29.00	4.70
8.75	11.40	18.00	5.40	30.00	4.70
9.00	10.40				

Lake # 239 1 OCT 85 (Day 274) Time: 08 30 CDT
Air Temperature: 4.5 (C) Wind: N 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.3 (C)
Epilimnion Temperature: 11.3 (C) Epilimnion Depth (1 C/M): 11.125 (M)
Planar-Thermocline : 11.625 (M) Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.30	11.50	9.70	19.00	6.80
1.00	11.30	11.75	8.80	20.00	6.80
2.00	11.30	12.00	8.50	21.00	6.80
3.00	11.30	12.25	8.10	22.00	6.70
4.00	11.30	12.50	8.10	23.00	6.70
5.00	11.30	12.75	8.00	24.00	6.60
6.00	11.30	13.00	7.90	25.00	6.60
7.00	11.30	14.00	7.70	26.00	6.60
8.00	11.30	15.00	7.60	27.00	6.60
9.00	11.30	16.00	7.40	28.00	6.60
10.00	11.30	17.00	7.00	29.00	6.70
11.00	11.20	18.00	7.00	30.00	6.40
11.25	10.40				

Lake # 239 17 OCT 85 (Day 290) Time: 10 15 CDT
Air Temperature: 8 (C) Wind: NE 0 - 5 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.7 (C)
Epilimnion Temperature: 6.7 (C) Epilimnion Depth (1 C/M): 30 (M)
Planar-Thermocline : 19.5 (M) Change at Planar-Thermo: 0.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.70	11.00	6.70	21.00	5.10
1.00	6.70	12.00	6.70	22.00	5.00
2.00	6.70	13.00	6.70	23.00	4.90
3.00	6.70	14.00	6.70	24.00	4.90
4.00	6.70	15.00	6.70	25.00	4.90
5.00	6.70	16.00	6.70	26.00	4.80
6.00	6.70	17.00	6.70	27.00	4.80
7.00	6.70	18.00	6.40	28.00	4.80
8.00	6.70	19.00	6.00	29.00	4.80
9.00	6.70	20.00	5.40	30.00	4.80
10.00	6.70				

Lake # 239 30 OCT 85 (Day 303) Time: 08 30 CDT
Air Temperature: 6 (C) Wind: S 10 - 15 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.8 (C)
Epilimnion Temperature: 6.8 (C) Epilimnion Depth (1 C/M): 29.5 (M)
Planar-Thermocline : 27.5 (M) Change at Planar-Thermo: 0.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.80	11.00	6.60	21.00	6.60
1.00	6.80	12.00	6.60	22.00	6.60
2.00	6.80	13.00	6.60	23.00	6.60
3.00	6.80	14.00	6.60	24.00	6.50
4.00	6.80	15.00	6.60	25.00	6.50
5.00	6.80	16.00	6.60	26.00	6.50
6.00	6.80	17.00	6.60	27.00	6.50
7.00	6.80	18.00	6.60	28.00	5.70
8.00	6.80	19.00	6.60	29.00	4.90
9.00	6.80	20.00	6.60	29.50	4.80
10.00	6.60				

****

Lake # 240 8 MAY 85 (Day 128) Time: 08 05 CDT
Air Temperature: 14 (C) Wind: SE 5 - 10 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.7 (C)
Epilimnion Temperature: 12.7 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.70	3.50	11.10	7.00	8.00
1.00	12.70	3.75	11.00	8.00	7.60
2.00	12.60	4.00	10.90	9.00	7.30
2.25	11.70	4.25	10.40	10.00	7.10
2.50	11.60	4.50	10.10	11.00	7.10
2.75	11.50	4.75	9.90	12.00	6.80
3.00	11.30	5.00	9.80	13.00	6.70
3.25	11.20	6.00	9.00		

****

Lake # 240 23 MAY 85 (Day 143) Time: 09 30 CDT
Air Temperature: 21 (C) Wind: E 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description: -99
Secchi Visibility: 3.5 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.3 (C)
Epilimnion Temperature: 15.2 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.30	6.25	11.60	8.00	7.70
1.00	15.20	6.50	11.20	9.00	7.30
2.00	14.70	6.75	10.50	10.00	7.10
3.00	13.90	7.00	9.40	11.00	6.80
4.00	13.40	7.25	9.10	12.00	6.80
5.00	12.90	7.50	8.50	13.00	6.80
6.00	12.30	7.75	8.10		

****

Lake # 240 5 JUN 85 (Day 156) Time: 11 30 CDT
Air Temperature: 18 (C) Wind: N 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15 (C)
Epilimnion Temperature: 14.8 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.00	5.75	12.90	7.75	8.10
1.00	14.80	6.00	12.50	8.00	7.80
2.00	14.60	6.25	12.30	9.00	7.40
3.00	14.50	6.50	11.40	10.00	7.00
4.00	14.20	6.75	10.50	11.00	6.80
5.00	14.00	7.00	9.40	12.00	6.80
5.25	13.60	7.25	9.00	13.00	6.80
5.50	13.40	7.50	8.40		

****

Lake # 240 19 JUN 85 (Day 170) Time: 08 15 CDT
Air Temperature: 18 (C) Wind: NE 0 - 5 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.1 (C)
Epilimnion Temperature: 16.1 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.10	6.50	13.60	8.50	8.90
1.00	16.10	6.75	12.70	8.75	8.50
2.00	16.10	7.00	11.70	9.00	8.40
3.00	16.10	7.25	10.90	10.00	7.80
4.00	16.10	7.50	10.40	11.00	7.50
5.00	15.30	7.75	10.00	12.00	7.20
6.00	14.60	8.00	10.00	13.00	6.90
6.25	14.00	8.25	9.10		

****

Lake # 240 3 JUL 85 (Day 184) Time: 08 20 CDT
Air Temperature: 19 (C) Wind: NW 0 - 5 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19 (C)
Epilimnion Temperature: 19 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 7.875 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.00	4.00	15.50	8.75	9.50
1.00	19.00	5.00	15.20	9.00	9.30
2.00	19.00	6.00	15.00	9.25	8.50
2.25	18.30	7.00	14.60	9.50	8.30
2.50	18.00	7.25	13.90	9.75	8.10
2.75	17.50	7.50	13.70	10.00	8.10
3.00	16.80	7.75	13.20	11.00	7.60
3.25	16.20	8.00	11.90	12.00	7.30
3.50	15.60	8.25	10.70	13.00	7.10
3.75	15.50	8.50	10.00		

****

Lake # 240 17 JUL 85 (Day 198) Time: 08 33 CDT
Air Temperature: 21 (C) Wind: 0 - 0 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4.1 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.5 (C)
Epilimnion Temperature: 20.5 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.50	5.75	15.20	8.50	10.60
1.00	20.50	6.00	14.90	8.75	9.70
2.00	20.50	6.25	14.60	9.00	9.00
3.00	20.40	6.50	14.40	9.25	8.60
4.00	20.00	6.75	14.10	9.50	8.50
4.25	18.60	7.00	13.80	9.75	8.40
4.50	17.40	7.25	13.40	10.00	7.80
4.75	16.80	7.50	13.00	11.00	7.60
5.00	16.20	7.75	12.40	12.00	7.30
5.25	15.90	8.00	11.50	13.00	7.30
5.50	15.50	8.25	10.90		

****

Lake # 240 31 JUL 85 (Day 212) Time: 13 30 CDT
Air Temperature: 21 (C) Wind: S 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.6 (C)
Epilimnion Temperature: 20.8 (C) Epilimnion Depth (1 C/M): 4.875 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.60	5.50	17.40	8.00	11.50
1.00	20.80	5.75	16.30	8.50	10.50
2.00	20.30	6.00	15.70	9.00	9.80
3.00	20.10	6.25	15.00	9.25	9.40
4.00	19.70	6.50	14.60	9.50	9.30
4.25	19.60	6.75	14.00	9.75	9.20
4.50	19.50	7.00	13.50	10.00	9.00
4.75	19.30	7.25	13.10	11.00	8.10
5.00	18.60	7.50	12.50	12.00	7.80
5.25	18.20	7.75	12.00	13.00	7.50

****

Lake # 240 14 AUG 85 (Day 226) Time: 09 20 CDT
Air Temperature: 11 (C) Wind: W 30 - 35 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.5 (C)
Epilimnion Temperature: 17.5 (C) Epilimnion Depth (1 C/M): 6.625 (M)
Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.50	6.75	15.90	9.00	10.10
1.00	17.50	7.00	14.40	9.25	9.80
2.00	17.50	7.25	13.80	9.50	9.50
3.00	17.50	7.50	13.00	9.75	9.20
4.00	17.50	7.75	12.40	10.00	9.10
5.00	17.50	8.00	11.80	11.00	8.10
6.00	17.50	8.25	11.40	12.00	7.90
6.25	17.50	8.50	10.90	13.00	7.80
6.50	17.50	8.75	10.60	13.25	7.80

****

Lake # 240 28 AUG 85 (Day 240) Time: 10 30 CDT
Air Temperature: Wind: 0 - 0 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.6 (C)
Epilimnion Temperature: 17.4 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 9.125 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.60	7.50	14.50	9.75	9.30
1.00	17.40	7.75	14.00	10.00	9.10
2.00	17.30	8.00	13.40	10.25	8.90
3.00	17.30	8.25	12.40	10.50	8.70
4.00	17.30	8.50	11.80	10.75	8.50
5.00	16.40	8.75	11.40	11.00	8.30
6.00	16.10	9.00	10.80	12.00	8.10
7.00	15.50	9.25	9.60	13.00	7.90
7.25	15.00	9.50	9.50	13.75	7.80

****

Lake # 240 11 SEP 85 (Day 254) Time: 13 00 CDT
Air Temperature: 17 (C) Wind: SE 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.2 (C)
Epilimnion Temperature: 15.8 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.125 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.20	7.00	15.30	9.50	10.00
1.00	15.80	8.00	14.50	9.75	9.60
2.00	15.60	8.25	13.00	10.00	9.40
3.00	15.50	8.50	12.50	11.00	8.60
4.00	15.50	8.75	11.90	12.00	8.40
5.00	15.40	9.00	11.20	13.00	8.30
6.00	15.40	9.25	10.30	13.25	8.10

****

Lake # 240 25 SEP 85 (Day 268) Time: 10 45 CDT
Air Temperature: Wind: W 15 - 20 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: DARK -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.4 (C)
Epilimnion Temperature: 11.4 (C) Epilimnion Depth (1 C/M): 11.625 (M)
Planar-Thermocline : 11.875 (M) Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.40	7.00	11.40	11.75	10.90
1.00	11.40	8.00	11.40	12.00	10.00
2.00	11.40	9.00	11.40	12.25	9.20
3.00	11.40	10.00	11.40	12.50	9.20
4.00	11.40	11.00	11.40	12.75	8.50
5.00	11.40	11.25	11.20	13.00	8.30
6.00	11.40	11.50	11.30		

****

Lake # 240 23 OCT 85 (Day 296) Time: 11 26 CDT
Air Temperature: 12 (C) Wind: SW 10 - 15 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.5 (C)
Epilimnion Temperature: 7.2 (C) Epilimnion Depth (1 C/M): 13 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.50	5.00	7.00	10.00	7.20
1.00	7.20	6.00	7.20	11.00	7.20
2.00	7.10	7.00	7.20	12.00	7.20
3.00	7.00	8.00	7.20	13.00	7.20
4.00	7.00	9.00	7.20		

Lake # 302 N 7 MAY 85 (Day 127) Time: 09 08 CDT
Air Temperature: 15 (C) Wind: N 5 - 10 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13 (C)
Epilimnion Temperature: 13 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.00	3.50	9.40	7.00	6.80
1.00	13.00	3.75	9.10	8.00	6.10
2.00	12.60	4.00	8.90	9.00	5.60
2.25	12.00	4.25	8.00	10.00	5.60
2.50	11.60	4.50	7.90	11.00	5.40
2.75	11.20	4.75	7.80	12.00	5.40
3.00	10.80	5.00	7.60	13.00	5.20
3.25	10.20	6.00	6.90	13.40	5.20

Lake # 302 N 21 MAY 85 (Day 141) Time: 08 43 CDT
Air Temperature: 13 (C) Wind: S 5 - 10 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.2 (C)
Epilimnion Temperature: 13.2 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.20	4.25	11.20	7.00	6.30
1.00	13.20	4.50	9.60	8.00	5.90
2.00	13.20	4.75	8.90	9.00	5.80
3.00	13.20	5.00	8.30	10.00	5.60
3.25	13.10	5.25	7.50	11.00	5.30
3.50	12.90	5.50	7.40	12.00	5.30
3.75	12.50	5.75	7.30	13.00	5.30
4.00	11.70	6.00	6.90	13.50	5.30

Lake # 302 N 4 JUN 85 (Day 155) Time: 08 48 CDT
Air Temperature: 10 (C) Wind: S 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.1 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.3 (C)
Epilimnion Temperature: 15.3 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.30	4.25	11.80	7.00	6.50
1.00	15.30	4.50	11.10	8.00	6.10
2.00	15.30	4.75	10.20	9.00	6.90
3.00	14.80	5.00	9.80	10.00	5.70
3.25	14.50	5.25	9.10	11.00	5.60
3.50	14.20	5.50	8.30	12.00	5.50
3.75	13.80	5.75	7.80	13.00	5.50
4.00	12.90	6.00	7.30		

Lake # 302 N 18 JUN 85 (Day 169) Time: 08 44 CDT
Air Temperature: 12 (C) Wind: N 15 - 20 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.5 (C)
Epilimnion Temperature: 16.5 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.50	4.50	12.30	6.75	7.00
1.00	16.50	4.75	11.30	7.00	6.80
2.00	16.50	5.00	10.40	8.00	6.40
3.00	16.50	5.25	9.70	9.00	6.00
3.25	16.10	5.50	9.10	10.00	5.80
3.50	15.80	5.75	8.50	11.00	5.70
3.75	15.00	6.00	7.90	12.00	5.70
4.00	14.30	6.25	7.50	13.00	5.60
4.25	13.10	6.50	7.20	13.25	5.60

Lake # 302 N 2 JUL 85 (Day 183) Time: 08 35 CDT
Air Temperature: 20 (C) Wind: W 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.9 (C)
Epilimnion Temperature: 18.8 (C) Epilimnion Depth (1 C/M): 1.125 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.90	4.50	14.70	6.75	7.70
1.00	18.80	4.75	13.70	7.00	7.50
1.25	17.90	5.00	12.90	8.00	6.70
1.50	17.60	5.25	11.10	9.00	6.30
1.75	17.30	5.50	10.10	10.00	6.00
2.00	16.80	5.75	9.30	11.00	5.90
3.00	15.90	6.00	9.30	12.00	5.90
4.00	15.50	6.25	8.10	13.00	5.80
4.25	14.90	6.50	7.90		

Lake # 302 N 16 JUL 85 (Day 197) Time: 09 05 CDT
Air Temperature: 18 (C) Wind: S 5 - 10 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.5 (C)
Epilimnion Temperature: 20.5 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.50	4.00	16.10	6.50	8.40
1.00	20.50	4.25	15.20	6.75	8.30
2.00	20.50	4.50	14.90	7.00	7.50
2.25	20.40	4.75	13.90	8.00	6.80
2.50	20.40	5.00	12.70	9.00	6.25
2.75	20.80	5.25	12.00	10.00	6.15
3.00	19.10	5.50	11.00	11.00	6.00
3.25	18.30	5.75	10.10	12.00	6.00
3.50	17.60	6.00	9.57	13.00	5.90
3.75	17.40	6.25	9.00		

Lake # 302 N 30 JUL 85 (Day 211) Time: 08 28 CDT
Air Temperature: 16 (C) Wind: S 0 - 5 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.2 (C)
Epilimnion Temperature: 20.2 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.20	4.50	15.80	6.75	8.60
1.00	20.20	4.75	14.90	7.00	8.20
2.00	20.20	5.00	13.40	8.00	7.30
3.00	20.20	5.25	12.40	9.00	6.70
3.25	19.70	5.50	11.80	10.00	6.30
3.50	19.70	5.75	10.90	11.00	6.10
3.75	19.50	6.00	10.20	12.00	6.10
4.00	18.20	6.25	9.20	13.00	6.00
4.25	17.30	6.50	9.00	13.25	6.00

Lake # 302 N 13 AUG 85 (Day 225) Time: 08 57 CDT
Air Temperature: 13 (C) Wind: S 25 - 30 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.1 (C)
Epilimnion Temperature: 19.1 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.10	5.25	13.50	7.50	7.60
1.00	19.10	5.50	12.50	7.75	7.30
2.00	19.10	5.75	11.80	8.00	7.10
3.00	19.10	6.00	11.10	9.00	6.60
4.00	19.10	6.25	10.20	10.00	6.30
4.25	18.00	6.50	9.20	11.00	6.10
4.50	16.70	6.75	8.90	12.00	6.10
4.75	15.90	7.00	8.20	13.00	6.00
5.00	15.00	7.25	7.80		

Lake # 302 N 27 AUG 85 (Day 239) Time: 10 54 CDT
Air Temperature: 15 (C) Wind: NE 5 - 10 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.5 (C)
Epilimnion Temperature: 17.4 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.50	5.75	13.90	7.75	7.90
1.00	17.40	6.00	13.00	8.00	7.60
2.00	17.20	6.25	12.20	9.00	6.90
3.00	17.20	6.50	11.30	10.00	6.60
4.00	16.20	6.75	10.40	11.00	6.40
5.00	15.60	7.00	9.20	12.00	6.20
5.25	14.90	7.25	8.50	13.00	6.20
5.50	14.70	7.50	8.30		

Lake # 302 N 10 SEP 85 (Day 253) Time: 14 41 CDT
Air Temperature: 17 (C) Wind: N 0 - 5 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.9 (C)
Epilimnion Temperature: 15.7 (C) Epilimnion Depth (1 C/M): 5.625 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.90	5.75	14.80	7.75	8.40
1.00	15.70	6.00	13.60	8.00	8.10
2.00	15.70	6.25	12.30	9.00	7.20
3.00	15.60	6.50	11.80	10.00	6.80
4.00	15.50	6.75	10.90	11.00	6.60
5.00	15.30	7.00	9.90	12.00	6.50
5.25	15.20	7.25	9.10	13.00	6.40
5.50	15.20	7.50	8.70	13.25	6.40

Lake # 302 N 24 SEP 85 (Day 267) Time: 08 45 CDT
Air Temperature: 4 (C) Wind: SW 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.9 (C)
Epilimnion Temperature: 11.9 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.375 (M) Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.90	7.00	11.00	8.75	7.20
1.00	11.90	7.25	10.40	9.00	7.20
2.00	11.90	7.50	9.50	10.00	6.60
3.00	11.90	7.75	8.90	11.00	6.40
4.00	11.90	8.00	8.20	12.00	6.30
5.00	11.90	8.25	7.60	13.00	6.30
6.00	11.90	8.50	7.40	13.50	5.70

Lake # 302 N 8 OCT 85 (Day 281) Time: 09 30 CDT
Air Temperature: 2 (C) Wind: N 30 - 35 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.8 (C)
Epilimnion Temperature: 7.9 (C) Epilimnion Depth (1 C/M): 12.125 (M)
Planar-Thermocline : 12.125 (M) Change at Planar-Thermo: 2.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.80	6.00	8.00	12.00	8.00
1.00	7.90	7.00	8.00	12.25	7.40
2.00	8.00	8.00	8.00	12.50	7.20
3.00	8.00	9.00	8.00	12.75	6.70
4.00	8.00	10.00	8.00	13.00	6.30
5.00	8.00	11.00	8.00	13.50	6.30

Lake # 302 N 22 OCT 85 (Day 295) Time: 09 44 CDT
Air Temperature: 13 (C) Wind: S 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.5 (C)
Epilimnion Temperature: 6.6 (C) Epilimnion Depth (1 C/M): 13 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.50	5.00	6.50	10.00	6.20
1.00	6.60	6.00	6.40	11.00	6.20
2.00	6.60	7.00	6.30	12.00	6.20
3.00	6.60	8.00	6.20	13.00	6.20
4.00	6.50	9.00	6.20		

Lake # 302 S 7 MAY 85 (Day 127) Time: 08 17 CDT
Air Temperature: 12.5 (C) Wind: N 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.9 (C)
Epilimnion Temperature: 12.9 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.90	3.25	10.30	5.00	8.00
1.00	12.90	3.50	9.60	6.00	7.20
2.00	12.90	3.75	9.50	7.00	6.90
2.25	12.70	4.00	9.30	8.00	6.60
2.50	12.40	4.25	8.90	9.00	6.50
2.75	11.80	4.50	8.50	10.00	6.40
3.00	11.00	4.75	8.30	10.25	6.40

Lake # 302 S 21 MAY 85 (Day 141) Time: 09 15 CDT
Air Temperature: 14 (C) Wind: S 10 - 15 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.4 (C)
Epilimnion Temperature: 13.4 (C) Epilimnion Depth (1 C/M): 4.375 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.40	4.50	11.90	6.00	7.50
1.00	13.40	4.75	10.40	7.00	7.40
2.00	13.30	5.00	9.50	8.00	7.00
3.00	13.30	5.25	9.20	9.00	6.90
4.00	13.00	5.50	8.70	10.00	6.80
4.25	12.80	5.75	8.40	10.50	6.70

Lake # 302 S 4 JUN 85 (Day 155) Time: 10 00 CDT
Air Temperature: 10 (C) Wind: SW 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.6 (C)
Epilimnion Temperature: 15.6 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.60	4.00	14.20	5.75	9.60
1.00	15.60	4.25	13.90	6.00	9.20
2.00	15.60	4.50	13.40	7.00	8.20
3.00	15.50	4.75	12.40	8.00	7.70
3.25	15.30	5.00	11.50	9.00	7.30
3.50	15.20	5.25	10.60	10.00	7.10
3.75	14.60	5.50	10.00		

Lake # 302 S 18 JUN 85 (Day 169) Time: 09 12 CDT
Air Temperature: 12 (C) Wind: N 25 - 30 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.4 (C)
Epilimnion Temperature: 16.5 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.40	4.75	13.90	6.50	9.50
1.00	16.50	5.00	13.30	6.75	9.10
2.00	16.50	5.25	12.60	7.00	9.00
3.00	16.50	5.50	11.60	8.00	8.00
4.00	16.20	5.75	11.00	9.00	7.70
4.25	14.90	6.00	10.30	10.00	7.70
4.50	14.50	6.25	9.80	10.25	7.50

Lake # 302 S 2 JUL 85 (Day 183) Time: 09 33 CDT
Air Temperature: 24 (C) Wind: 0 - 0 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.8 (C)
Epilimnion Temperature: 18 (C) Epilimnion Depth (1 C/M): 1.125 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.80	5.00	15.20	7.00	9.90
1.00	18.00	5.25	14.50	7.25	9.20
1.25	18.30	5.50	14.00	7.50	9.00
1.50	18.30	5.75	13.30	7.75	8.60
1.75	18.00	6.00	12.00	8.00	8.40
2.00	17.30	6.25	10.90	9.00	8.00
3.00	16.40	6.50	10.50	10.00	7.90
4.00	16.00	6.75	10.00		

Lake # 302 S 16 JUL 85 (Day 197) Time: 00 08 CDT
Air Temperature: 18 (C) Wind: S 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.5 (C)
Epilimnion Temperature: 20.5 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.50	4.50	17.30	6.75	11.15
1.00	20.50	4.75	17.20	7.00	10.70
2.00	20.50	5.00	16.70	7.25	10.00
3.00	20.50	5.25	15.00	7.50	9.67
3.25	20.30	5.50	14.50	7.75	9.40
3.50	20.10	5.75	13.80	8.00	9.10
3.75	19.00	6.00	13.10	9.00	8.70
4.00	18.10	6.25	12.30	10.00	8.50
4.25	17.70	6.50	11.90	10.50	8.50

Lake # 302 S 30 JUL 85 (Day 211) Time: 09 10 CDT
Air Temperature: 18 (C) Wind: S 0 - 5 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 1.9 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.4 (C)
Epilimnion Temperature: 20.4 (C) Epilimnion Depth (1 C/M): 4.625 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.40	5.50	16.70	8.00	10.00
1.00	20.40	5.75	16.20	8.25	9.30
2.00	20.40	6.00	15.30	8.50	9.20
3.00	20.40	6.25	14.50	8.75	9.10
4.00	20.30	6.50	13.70	9.00	9.00
4.25	20.20	6.75	13.00	9.25	8.70
4.50	20.00	7.00	12.20	9.50	8.60
4.75	19.60	7.25	11.40	9.75	8.60
5.00	18.90	7.50	11.00	10.00	8.50
5.25	17.90	7.75	10.50	10.25	8.50

Lake # 302 S 13 AUG 85 (Day 225) Time: 09 30 CDT
Air Temperature: 13 (C) Wind: S 30 - 35 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: PALE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.5 (C)
Epilimnion Temperature: 19.5 (C) Epilimnion Depth (1 C/M): 5.625 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.50	5.75	18.50	7.75	11.80
1.00	19.50	6.00	17.50	8.00	11.10
2.00	19.50	6.25	16.30	8.25	10.40
3.00	19.60	6.50	15.50	8.50	10.20
4.00	19.50	6.75	14.70	8.75	9.30
5.00	19.50	7.00	13.80	9.00	9.30
5.25	19.30	7.25	13.20	10.00	8.70
5.50	19.30	7.50	12.40	10.50	8.60

Lake # 302 S 27 AUG 85 (Day 239) Time: 11 38 CDT
Air Temperature: 18 (C) Wind: NE 5 - 10 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: TURBID
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.5 (C)
Epilimnion Temperature: 17.6 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.50	7.00	16.20	8.75	10.10
1.00	17.60	7.25	15.00	9.00	9.80
2.00	17.60	7.50	14.50	9.25	9.30
3.00	17.50	7.75	13.40	9.50	9.20
4.00	17.30	8.00	12.40	9.75	9.10
5.00	17.10	8.25	11.40	10.00	9.00
6.00	16.90	8.50	10.90		

Lake # 302 S 10 SEP 85 (Day 253) Time: 14 56 CDT
Air Temperature: 18 (C) Wind: N 0 - 5 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: PALE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.4 (C)
Epilimnion Temperature: 16.3 (C) Epilimnion Depth (1 C/M): 7.875 (M)
Planar-Thermocline : 8.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.40	6.00	15.80	8.25	12.10
1.00	16.30	7.00	15.70	8.50	11.50
2.00	16.20	7.25	15.50	8.75	10.80
3.00	16.10	7.50	15.40	9.00	10.40
4.00	15.90	7.75	15.20	10.00	9.40
5.00	15.80	8.00	14.90		

Lake # 302 S 24 SEP 85 (Day 267) Time: 09 30 CDT
Air Temperature: 4 (C) Wind: SW 20 - 25 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.2 (C)
Epilimnion Temperature: 12.2 (C) Epilimnion Depth (1 C/M): 9.125 (M)
Planar-Thermocline : 9.625 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.20	5.00	12.60	9.25	11.90
1.00	12.20	6.00	12.60	9.50	12.00
2.00	12.60	7.00	12.60	9.75	10.50
3.00	12.60	8.00	12.60	10.00	9.10
4.00	12.60	9.00	12.50	10.25	9.00

Lake # 302 S 8 OCT 85 (Day 281) Time: 09 47 CDT
Air Temperature: 2 (C) Wind: N 30 - 35 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 8.4 (C)
Epilimnion Temperature: 8.5 (C) Epilimnion Depth (1 C/M): 10.5 (M)
Planar-Thermocline : 10.25 (M) Change at Planar-Thermo: -.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.40	4.00	8.50	8.00	8.50
1.00	8.50	5.00	8.50	9.00	8.50
2.00	8.50	6.00	8.50	10.00	8.50
3.00	8.50	7.00	8.50	10.50	8.70

Lake # 302 S 22 OCT 85 (Day 295) Time:
Air Temperature: 13 (C) Wind: S 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.2 (C)
Epilimnion Temperature: 7.1 (C) Epilimnion Depth (1 C/M): 10 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 0.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.20	4.00	6.80	8.00	7.00
1.00	7.10	5.00	6.70	9.00	7.10
2.00	7.10	6.00	6.80	10.00	7.00
3.00	6.90	7.00	6.90		

Lake # 304 5 JUN 85 (Day 156) Time: 10 00 CDT
Air Temperature: 17 (C) Wind: N 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.7 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.7 (C)
Epilimnion Temperature: 14.5 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 9.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.70	3.25	10.20	4.50	6.80
1.00	14.50	3.50	9.10	4.75	6.70
2.00	14.30	3.75	8.10	5.00	6.50
2.50	14.00	4.00	7.40	6.00	6.10
2.75	13.40	4.25	7.10	6.75	6.10
3.00	11.10				

Lake # 304 19 JUN 85 (Day 170) Time: 09 30 CDT
Air Temperature: 19 (C) Wind: NW 15 - 20 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 1.5 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.4 (C)
Epilimnion Temperature: 17.2 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.40	3.25	13.30	5.00	7.00
1.00	17.20	3.50	11.90	5.25	6.80
2.00	16.90	3.75	10.50	5.50	6.70
2.25	16.70	4.00	9.30	5.75	6.70
2.50	16.20	4.25	8.50	6.00	6.70
2.75	15.20	4.50	7.90	6.25	6.60
3.00	14.30	4.75	7.50	6.50	6.50

Lake # 304 4 JUL 85 (Day 185) Time: 14 00 CDT
Air Temperature: 23 (C) Wind: NE 5 - 10 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 1.8 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.2 (C)
Epilimnion Temperature: 20.8 (C) Epilimnion Depth (1 C/M): .125 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.20	2.00	16.70	3.75	12.80
0.25	21.90	2.25	16.10	4.00	10.90
0.50	21.90	2.50	15.80	4.25	9.40
0.75	21.90	2.75	15.40	4.50	9.00
1.00	20.80	3.00	14.70	4.75	8.30
1.25	20.40	3.25	13.90	5.00	7.80
1.50	19.40	3.50	13.20	6.00	7.40
1.75	17.60				

Lake # 304 17 JUL 85 (Day 198) Time: 08 50 CDT
Air Temperature: 19 (C) Wind: 0 - 0 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.6 (C)
Epilimnion Temperature: 21.1 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.60	3.25	15.00	4.75	9.30
1.00	21.10	3.50	14.10	5.00	8.90
2.00	20.20	3.75	13.10	5.25	8.30
2.25	19.70	4.00	11.60	5.50	8.10
2.50	19.10	4.25	10.60	5.75	8.00
2.75	17.70	4.50	10.10	6.00	7.90
3.00	16.30				

Lake # 304 31 JUL 85 (Day 212) Time: 14 15 CDT
Air Temperature: 19 (C) Wind: SW 0 - 5 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.4 (C)
Epilimnion Temperature: 20.7 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.40	3.25	17.10	4.75	10.20
1.00	20.70	3.50	15.50	5.00	9.50
2.00	20.40	3.75	14.00	5.25	9.20
2.25	20.20	4.00	12.60	5.50	8.80
2.50	20.10	4.25	11.30	5.75	8.40
2.75	19.90	4.50	10.90	6.00	8.50
3.00	18.90				

Lake # 304 14 AUG 85 (Day 226) Time: 09 30 CDT
Air Temperature: 12 (C) Wind: W 20 - 25 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.1 (M) Water Color: DARK -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.4 (C)
Epilimnion Temperature: 16.7 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.40	3.75	16.30	5.00	9.80
1.00	16.70	4.00	14.20	5.25	8.90
2.00	16.80	4.25	13.00	5.50	8.50
3.00	16.80	4.50	11.40	5.75	8.40
3.25	16.70	4.75	10.30	6.00	8.40
3.50	16.60				

Lake # 304 28 AUG 85 (Day 240) Time: 08 40 CDT
Air Temperature: 12 (C) Wind: 0 - 0 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.3 (C)
Epilimnion Temperature: 17.4 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.30	3.75	15.30	5.00	10.60
1.00	17.40	4.00	14.70	5.25	9.87
2.00	17.00	4.25	13.90	5.50	9.57
3.00	16.10	4.50	13.00	5.75	9.40
3.25	15.70	4.75	11.70	6.00	9.10
3.50	15.60				

Lake # 304 11 SEP 85 (Day 254) Time: 09 00 CDT
Air Temperature: 14 (C) Wind: 0 - 0 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.2 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15 (C)
Epilimnion Temperature: 15.1 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.00	4.25	13.10	5.25	10.20
1.00	15.10	4.50	12.70	5.50	9.80
2.00	15.10	4.75	12.10	5.75	9.70
3.00	15.10	5.00	11.10	6.00	9.10
4.00	14.70				

Lake # 304 25 SEP 85 (Day 268) Time: 08 50 CDT
Air Temperature: Wind: W 15 - 20 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 1.4 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.9 (C)
Epilimnion Temperature: 9.9 (C) Epilimnion Depth (1 C/M): 6 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.90	3.00	9.80	5.00	9.80
1.00	9.90	4.00	9.80	6.00	9.80
2.00	9.90				

Lake # 304 24 OCT 85 (Day 297) Time: 10 47 CDT
Air Temperature: 6 (C) Wind: SW 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.3 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.3 (C)
Epilimnion Temperature: 7.3 (C) Epilimnion Depth (1 C/M): 6 (M)
Planar-Thermocline : 4.5 (M) Change at Planar-Thermo: 0.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.30	3.00	6.80	5.00	5.80
1.00	7.30	4.00	6.40	6.00	5.60
2.00	7.30				

Lake # 305 21 MAY 85 (Day 141) Time: 09 26 CDT
Air Temperature: 14 (C) Wind: S 5 - 10 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4.1 (M) Water Color: PALE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12 (C)
Epilimnion Temperature: 12 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.625 (M) Change at Planar-Thermo: 2.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.00	8.75	7.80	19.00	5.20
1.00	12.00	9.00	7.50	20.00	5.20
2.00	12.00	9.25	7.20	21.00	5.20
3.00	11.90	9.50	7.00	22.00	5.10
4.00	11.80	9.75	6.90	23.00	5.10
5.00	11.80	10.00	6.80	24.00	5.10
6.00	11.70	11.00	6.40	25.00	5.10
7.00	11.10	12.00	6.20	26.00	5.10
7.25	10.70	13.00	6.00	27.00	5.00
7.50	10.20	14.00	5.90	28.00	5.00
7.75	9.50	15.00	5.70	29.00	5.00
8.00	9.30	16.00	5.60	30.00	5.00
8.25	8.60	17.00	5.50	31.00	5.00
8.50	8.20	18.00	5.40		

Lake # 305 7 JUN 85 (Day 158) Time: 09 31 CDT
Air Temperature: 19 (C) Wind: NW 15 - 20 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 5.7 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.8 (C)
Epilimnion Temperature: 14.8 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.80	8.00	9.20	19.00	5.30
1.00	14.80	8.25	9.00	20.00	5.10
2.00	14.70	8.50	8.60	21.00	5.10
3.00	14.70	8.75	8.10	22.00	5.00
4.00	14.60	9.00	7.70	23.00	5.00
5.00	14.60	10.00	6.90	24.00	5.00
6.00	14.10	11.00	6.50	25.00	5.00
6.25	13.50	12.00	6.10	26.00	5.00
6.50	13.50	13.00	5.80	27.00	5.00
6.75	11.80	14.00	5.70	28.00	5.00
7.00	11.30	15.00	5.50	29.00	4.90
7.25	10.60	16.00	5.40	30.00	4.90
7.50	10.30	17.00	5.40	31.00	4.90
7.75	9.90	18.00	5.30		

Lake # 305 18 JUN 85 (Day 169) Time: 08 45 CDT
Air Temperature: 12 (C) Wind: E 10 - 15 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 5.8 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.7 (C)
Epilimnion Temperature: 15.7 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 8.125 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.70	7.50	11.60	18.00	5.40
1.00	15.70	7.75	10.80	19.00	5.40
2.00	15.70	8.00	10.00	20.00	5.20
3.00	15.70	8.25	8.70	21.00	5.10
4.00	15.50	8.50	8.50	22.00	5.10
5.00	14.80	8.75	8.30	23.00	5.10
5.25	14.40	9.00	8.10	24.00	5.10
5.50	14.10	10.00	7.30	25.00	5.00
5.75	13.80	11.00	6.80	26.00	5.00
6.00	13.60	12.00	6.40	27.00	5.00
6.25	13.20	13.00	6.10	28.00	5.00
6.50	12.90	14.00	5.90	29.00	5.00
6.75	12.50	15.00	5.80	30.00	5.00
7.00	12.30	16.00	5.60	31.00	5.00
7.25	11.80	17.00	5.50		

Lake # 305 3 JUL 85 (Day 184) Time: 15 30 CDT
Air Temperature: 22 (C) Wind: SW 10 - 15 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 5.3 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20 (C)
Epilimnion Temperature: 19.7 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 7.875 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.00	8.25	10.00	18.00	5.50
1.00	19.70	8.50	9.60	19.00	5.40
2.00	19.30	8.75	9.50	20.00	5.20
3.00	18.80	9.00	9.50	21.00	5.20
3.25	18.30	9.25	8.70	22.00	5.10
3.50	18.00	9.50	8.50	23.00	5.10
3.75	17.60	9.75	8.10	24.00	5.00
4.00	17.20	10.00	8.00	25.00	5.00
5.00	16.10	11.00	7.10	26.00	5.00
6.00	15.40	12.00	6.80	27.00	5.00
7.00	14.50	13.00	6.40	28.00	5.00
7.25	13.60	14.00	6.20	29.00	4.90
7.50	13.00	15.00	6.00	30.00	4.90
7.75	12.50	16.00	5.80	31.00	4.90
8.00	11.20	17.00	5.60		

Lake # 305 16 JUL 85 (Day 197) Time: 09 19 CDT
Air Temperature: 20 (C) Wind: S 15 - 20 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 5.4 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.1 (C)
Epilimnion Temperature: 20.2 (C) Epilimnion Depth (1 C/M): 4.375 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.10	7.25	13.80	16.00	5.70
1.00	20.20	7.50	13.50	17.00	5.60
2.00	20.20	7.75	13.00	18.00	5.50
3.00	20.10	8.00	12.00	19.00	5.40
4.00	20.10	8.25	11.40	20.00	5.30
4.25	20.10	8.50	10.70	21.00	5.30
4.50	19.80	8.75	10.20	22.00	5.10
4.75	18.40	9.00	9.80	23.00	5.10
5.00	17.90	9.25	9.20	24.00	5.10
5.25	17.40	9.50	9.00	25.00	5.00
5.50	16.90	9.75	8.60	26.00	5.00
5.75	16.50	10.00	8.30	27.00	5.00
6.00	16.10	11.00	7.40	28.00	5.00
6.25	15.60	12.00	6.80	29.00	5.00
6.50	15.20	13.00	6.40	30.00	5.00
6.75	14.90	14.00	6.10	31.00	5.00
7.00	14.50	15.00	5.90		

Lake # 305 1 AUG 85 (Day 213) Time: 09 52 CDT
Air Temperature: 21 (C) Wind: 0 - 0 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 5.6 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.2 (C)
Epilimnion Temperature: 21.1 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 8.125 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.20	7.75	13.30	17.00	5.60
1.00	21.10	8.00	12.90	18.00	5.50
2.00	21.00	8.25	11.60	19.00	5.50
3.00	20.80	8.50	10.80	20.00	5.40
4.00	20.70	8.75	9.90	21.00	5.40
5.00	20.30	9.00	9.50	22.00	5.20
5.25	19.50	9.25	9.10	23.00	5.20
5.50	19.10	9.50	8.60	24.00	5.20
5.75	18.10	9.75	8.40	25.00	5.20
6.00	17.40	10.00	8.10	26.00	5.20
6.25	16.70	11.00	7.30	27.00	5.10
6.50	16.40	12.00	6.70	28.00	5.10
6.75	16.00	13.00	6.30	29.00	5.10
7.00	15.30	14.00	6.00	30.00	5.10
7.25	14.20	15.00	5.90	31.00	5.10
7.50	13.70	16.00	5.70	31.50	5.00

Lake # 305 13 AUG 85 (Day 225) Time: 09 37 CDT
Air Temperature: 15 (C) Wind: SW 25 - 30 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.3 (C)
Epilimnion Temperature: 19.3 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.30	8.00	9.30	19.00	5.50
1.00	19.30	8.25	9.10	20.00	5.30
2.00	19.30	8.50	9.00	21.00	5.30
3.00	19.40	8.75	8.60	22.00	5.30
4.00	19.40	9.00	8.10	23.00	5.10
5.00	19.40	10.00	7.90	24.00	5.10
6.00	19.40	11.00	7.20	25.00	5.00
6.25	17.60	12.00	6.80	26.00	5.00
6.50	13.40	13.00	6.60	27.00	5.00
6.75	12.60	14.00	6.40	28.00	5.00
7.00	11.70	15.00	5.80	29.00	5.00
7.25	11.20	16.00	5.70	30.00	5.00
7.50	11.00	17.00	5.60	31.00	5.00
7.75	9.40	18.00	5.60		

Lake # 305 28 AUG 85 (Day 240) Time: 10 11 CDT
Air Temperature: 21 (C) Wind: 0 - 0 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 6 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.7 (C)
Epilimnion Temperature: 17.6 (C) Epilimnion Depth (1 C/M): 7.875 (M)
Planar-Thermocline : 8.375 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.70	9.00	10.10	18.00	5.50
1.00	17.60	9.25	9.00	19.00	5.40
2.00	17.60	9.50	8.50	20.00	5.30
3.00	17.40	9.75	8.50	21.00	5.30
4.00	17.20	10.00	8.30	22.00	5.10
5.00	17.00	10.25	7.70	23.00	5.10
6.00	16.80	10.50	7.40	24.00	5.10
7.00	16.60	10.75	7.20	25.00	5.10
7.25	16.40	11.00	7.00	26.00	5.00
7.50	16.20	12.00	6.70	27.00	5.00
7.75	16.00	13.00	6.20	28.00	5.00
8.00	15.30	14.00	6.00	29.00	5.00
8.25	14.40	15.00	5.80	30.00	5.00
8.50	12.40	16.00	5.70	30.50	4.90
8.75	11.20	17.00	5.60		

Lake # 305 10 SEP 85 (Day 253) Time: 10 53 CDT
Air Temperature: 14 (C) Wind: NW 10 - 15 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 6.2 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.9 (C)
Epilimnion Temperature: 15.9 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.625 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.90	9.50	10.10	19.00	5.40
1.00	15.90	9.75	9.50	20.00	5.40
2.00	15.90	10.00	9.30	21.00	5.20
3.00	15.90	10.25	8.70	22.00	5.10
4.00	15.90	10.50	8.30	23.00	5.10
5.00	15.90	10.75	8.20	24.00	5.10
6.00	15.90	11.00	8.00	25.00	5.10
7.00	15.90	12.00	7.30	26.00	5.00
8.00	15.70	13.00	6.70	27.00	5.00
8.25	14.80	14.00	6.10	28.00	5.00
8.50	14.10	15.00	5.80	29.00	5.00
8.75	12.60	16.00	5.70	30.00	5.00
9.00	11.10	17.00	5.60	31.00	5.00
9.25	10.70	18.00	5.50	32.00	5.00

Lake # 305 26 SEP 85 (Day 269) Time: 10 40 CDT
Air Temperature: 8 (C) Wind: SW 5 - 10 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 6.4 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.7 (C)
Epilimnion Temperature: 11.9 (C) Epilimnion Depth (1 C/M): 10.125 (M)
Planar-Thermocline : 11.125 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.70	10.75	9.80	20.00	5.50
1.00	11.90	11.00	9.30	21.00	5.30
2.00	12.00	11.25	7.90	22.00	5.30
3.00	12.00	11.50	7.50	23.00	5.10
4.00	12.00	11.75	7.40	24.00	5.10
5.00	12.00	12.00	7.20	25.00	5.10
6.00	12.00	13.00	6.50	26.00	5.10
7.00	12.00	14.00	6.10	27.00	5.00
8.00	12.00	15.00	6.00	28.00	5.00
9.00	12.00	16.00	5.80	29.00	5.00
10.00	11.80	17.00	5.70	30.00	5.00
10.25	11.30	18.00	5.50	31.00	5.00
10.50	10.60	19.00	5.50		

Lake # 305 8 OCT 85 (Day 281) Time: 09 25 CDT
Air Temperature: Wind: NE 20 - 25 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.6 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.2 (C)
Epilimnion Temperature: 9.2 (C) Epilimnion Depth (1 C/M): 11.375 (M)
Planar-Thermocline : 11.625 (M) Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.20	11.50	8.60	20.00	5.50
1.00	9.20	11.75	7.70	21.00	5.40
2.00	9.20	12.00	7.40	22.00	5.30
3.00	9.20	12.25	6.70	23.00	5.30
4.00	9.20	12.50	6.20	24.00	5.10
5.00	9.20	12.75	6.20	25.00	5.10
6.00	9.20	13.00	6.10	26.00	5.10
7.00	9.20	14.00	6.10	27.00	5.10
8.00	9.20	15.00	6.00	28.00	5.10
9.00	9.20	16.00	5.90	29.00	5.00
10.00	9.20	17.00	5.40	30.00	5.00
11.00	9.20	18.00	5.70	31.00	5.00
11.25	9.00	19.00	5.60		

Lake # 305 29 OCT 85 (Day 302) Time: 08 56 CST
Air Temperature: 8 (C) Wind: SW 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.3 (C)
Epilimnion Temperature: 7.1 (C) Epilimnion Depth (1 C/M): 31 (M)
Planar-Thermocline : 23.5 (M) Change at Planar-Thermo: 0.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.30	11.00	7.00	22.00	6.70
1.00	7.10	12.00	7.00	23.00	6.40
2.00	7.00	13.00	7.00	24.00	5.80
3.00	7.00	14.00	7.00	25.00	5.60
4.00	7.00	15.00	6.90	26.00	5.60
5.00	7.00	16.00	6.90	27.00	5.60
6.00	7.00	17.00	6.90	28.00	5.50
7.00	7.00	18.00	6.90	29.00	5.50
8.00	7.00	19.00	6.90	30.00	5.50
9.00	7.00	20.00	6.80	31.00	5.50
10.00	7.00	21.00	6.80		

Lake # 373 28 MAY 85 (Day 148) Time: 10 55 CDT
Air Temperature: 19 (C) Wind: S 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 6.4 (M) Water Color: PALE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.7 (C)
Epilimnion Temperature: 16.5 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.70	5.00	13.10	10.00	6.40
1.00	16.50	5.25	12.20	11.00	6.10
2.00	16.40	5.50	11.30	12.00	5.70
3.00	16.20	5.75	10.60	13.00	5.40
3.25	15.80	6.00	9.50	14.00	5.10
3.50	15.30	6.25	8.70	15.00	5.00
3.75	15.00	6.50	8.50	16.00	4.90
4.00	14.80	6.75	8.20	17.00	4.80
4.25	14.40	7.00	7.90	18.00	4.80
4.50	14.00	8.00	7.10	19.00	4.70
4.75	13.40	9.00	6.70	19.50	4.70

Lake # 373 13 JUN 85 (Day 164) Time: 16 02 CDT
Air Temperature: 20 (C) Wind: SW 0 - 5 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 71 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.2 (C)
Epilimnion Temperature: 16.3 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.20	6.75	10.90	12.00	5.70
1.00	16.30	7.00	9.80	13.00	5.40
2.00	15.60	7.25	8.90	14.00	5.10
3.00	15.40	7.50	8.60	15.00	5.00
4.00	15.20	7.75	8.20	16.00	4.90
5.00	15.00	8.00	7.80	17.00	4.80
6.00	14.10	9.00	7.10	18.00	4.70
6.25	12.90	10.00	6.50	19.00	4.70
6.50	12.10	11.00	6.00	19.50	4.70

Lake # 373 25 JUN 85 (Day 176) Time: 10 26 CDT
Air Temperature: 14.5 (C) Wind: NE 20 - 25 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 6 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.9 (C)
Epilimnion Temperature: 15.9 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.90	7.25	10.30	12.00	5.70
1.00	15.90	7.50	9.50	13.00	5.50
2.00	15.90	7.75	9.10	14.00	5.30
3.00	15.90	8.00	8.60	15.00	5.10
4.00	15.90	8.25	8.00	16.00	4.90
5.00	15.80	8.50	7.70	17.00	4.80
6.00	15.20	8.75	7.60	18.00	4.70
6.25	14.60	9.00	7.40	19.00	4.70
6.50	13.30	10.00	6.70	20.00	4.70
6.75	12.40	11.00	6.00	20.30	4.60
7.00	11.10				

Lake # 373 10 JUL 85 (Day 191) Time: 10 30 CDT
Air Temperature: 16 (C) Wind: NE 15 - 20 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 6.8 (M) Water Color: DARK
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.4 (C)
Epilimnion Temperature: 20.4 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.40	5.25	16.30	9.00	7.20
1.00	20.40	5.50	16.20	10.00	6.60
2.00	20.40	5.75	15.80	11.00	5.90
3.00	20.30	6.00	15.50	12.00	5.60
3.25	19.60	6.25	14.80	13.00	5.40
3.50	17.70	6.50	14.20	14.00	5.10
3.75	17.70	6.75	13.60	15.00	5.00
4.00	17.50	7.00	12.70	16.00	4.90
4.25	17.20	7.25	11.60	17.00	4.80
4.50	17.00	7.50	10.70	18.00	4.70
4.75	16.70	7.75	9.80	19.00	4.70
5.00	16.50	8.00	8.10		

Lake # 373 25 JUL 85 (Day 206) Time: 10 20 CDT
Air Temperature: 19 (C) Wind: NW 5 - 10 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 6.8 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.1 (C)
Epilimnion Temperature: 20.1 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.10	6.50	15.20	10.00	7.70
1.00	20.10	6.75	14.60	11.00	7.10
2.00	20.10	7.00	14.20	12.00	6.70
3.00	20.00	7.25	13.20	13.00	6.10
4.00	20.00	7.50	12.40	14.00	5.80
5.00	19.40	7.75	11.50	15.00	5.50
5.25	19.10	8.00	10.70	16.00	5.30
5.50	18.80	8.25	9.50	17.00	5.10
5.75	18.10	8.50	9.20	18.00	5.00
6.00	16.80	8.75	8.60	19.00	4.90
6.25	16.20	9.00	8.60	20.00	4.90

Lake # 373 7 AUG 85 (Day 219) Time: 12 35 CDT
Air Temperature: 21 (C) Wind: NW 15 - 20 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 5.5 (M) Water Color: BLUE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21 (C)
Epilimnion Temperature: 21.1 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.00	7.50	13.10	10.50	7.40
1.00	21.10	7.75	12.30	10.75	7.20
2.00	21.00	8.00	11.50	11.00	7.20
3.00	20.90	8.25	10.80	12.00	6.50
4.00	20.80	8.50	10.20	13.00	6.10
5.00	20.50	8.75	9.50	14.00	5.90
6.00	19.70	9.00	9.10	15.00	5.50
6.25	17.90	9.25	8.80	16.00	5.40
6.50	16.80	9.50	8.40	17.00	5.40
6.75	15.40	9.75	8.00	18.00	5.40
7.00	14.70	10.00	7.70	19.00	5.20
7.25	14.00	10.25	7.50		

Lake # 373 20 AUG 85 (Day 232) Time: 09 17 CDT
Air Temperature: 15 (C) Wind: NE 0 - 5 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 7.4 (M) Water Color: PALE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.6 (C)
Epilimnion Temperature: 16.7 (C) Epilimnion Depth (1 C/M): 7.625 (M)
Planar-Thermocline : 7.875 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.60	8.00	13.60	12.00	6.80
1.00	16.70	8.25	12.30	13.00	6.50
2.00	16.70	8.50	11.20	14.00	5.90
3.00	16.70	8.75	10.30	15.00	5.60
4.00	16.70	9.00	9.80	16.00	5.40
5.00	16.70	9.25	9.30	17.00	5.10
6.00	16.70	9.50	9.20	18.00	5.00
7.00	16.40	9.75	8.80	19.00	4.90
7.25	16.30	10.00	8.30	20.00	4.80
7.50	16.20	11.00	7.50	20.40	4.80
7.75	15.60				

Lake # 373 5 SEP 85 (Day 248) Time: 17 30 CDT
Air Temperature: 17 (C) Wind: SE 5 - 10 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 6.4 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.6 (C)
Epilimnion Temperature: 17.2 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 8.125 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.60	8.00	14.90	12.00	6.90
1.00	17.20	8.25	13.40	13.00	6.20
2.00	16.90	8.50	12.90	14.00	5.80
3.00	16.90	8.75	12.00	15.00	5.60
4.00	16.60	9.00	11.10	16.00	5.40
5.00	16.50	9.25	9.90	17.00	5.20
6.00	16.40	9.50	9.40	18.00	5.10
7.00	16.30	9.75	9.30	19.00	5.00
7.25	15.80	10.00	8.60	20.00	5.00
7.50	15.60	11.00	7.60	20.40	4.90
7.75	15.30				

Lake # 373 17 SEP 85 (Day 260) Time: 11 00 CDT
Air Temperature: 20 (C) Wind: SW 5 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 6.8 (M) Water Color: TURBID-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.3 (C)
Epilimnion Temperature: 15.3 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.875 (M) Change at Planar-Thermo: 9.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.30	8.50	14.90	11.00	7.70
1.00	15.30	8.75	14.40	12.00	6.80
2.00	15.30	9.00	12.00	13.00	6.20
3.00	15.30	9.25	10.70	14.00	5.90
4.00	15.30	9.50	10.20	15.00	5.70
5.00	15.30	9.75	9.50	16.00	5.60
6.00	15.20	10.00	9.10	17.00	5.40
7.00	15.20	10.25	8.40	18.00	5.10
8.00	15.20	10.50	8.20	19.00	5.00
8.25	14.80	10.75	7.80	20.00	5.00

Lake # 373 3 OCT 85 (Day 276) Time: 10 05 CDT
Air Temperature: 13 (C) Wind: SW 10 - 15 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 5.2 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10.2 (C)
Epilimnion Temperature: 10.2 (C) Epilimnion Depth (1 C/M): 11.375 (M)
Planar-Thermocline : 11.625 (M) Change at Planar-Thermo: 2.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.20	9.00	10.10	12.75	6.70
1.00	10.20	10.00	10.00	13.00	6.70
2.00	10.20	11.00	9.50	14.00	6.10
3.00	10.20	11.25	9.40	15.00	5.80
4.00	10.20	11.50	9.10	16.00	5.60
5.00	10.20	11.75	8.50	17.00	5.40
6.00	10.10	12.00	8.00	18.00	5.20
7.00	10.10	12.25	7.40	19.00	5.20
8.00	10.10	12.50	6.90	19.50	5.00

Lake # 373 15 OCT 85 (Day 288) Time: 10 18 CDT
Air Temperature: 5 (C) Wind: N 5 - 10 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 5.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.3 (C)
Epilimnion Temperature: 7.4 (C) Epilimnion Depth (1 C/M): 19 (M)
Planar-Thermocline : 17.5 (M) Change at Planar-Thermo: 0.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.30	7.00	7.40	14.00	7.40
1.00	7.40	8.00	7.40	15.00	7.30
2.00	7.40	9.00	7.40	16.00	7.20
3.00	7.40	10.00	7.40	17.00	6.50
4.00	7.40	11.00	7.40	18.00	5.60
5.00	7.40	12.00	7.40	19.00	5.30
6.00	7.40	13.00	7.40		

Lake # 373 29 OCT 85 (Day 302) Time: 11 20 CST
Air Temperature: 11 (C) Wind: NW 15 - 20 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.1 (C)
Epilimnion Temperature: 7.1 (C) Epilimnion Depth (1 C/M): 19 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.10	7.00	6.90	14.00	6.80
1.00	7.10	8.00	6.90	15.00	6.80
2.00	7.00	9.00	6.90	16.00	6.80
3.00	7.00	10.00	6.90	17.00	6.80
4.00	7.00	11.00	6.90	18.00	6.80
5.00	7.00	12.00	6.90	19.00	6.80
6.00	6.90	13.00	6.80		

Lake # 374 20 MAY 85 (Day 140) Time: 11 55 CDT
Air Temperature: 6 (C) Wind: NE 10 - 15 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 4.7 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.1 (C)
Epilimnion Temperature: 9.1 (C) Epilimnion Depth (1 C/M): 25.5 (M)
Planar-Thermocline : 18.5 (M) Change at Planar-Thermo: 0.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.10	9.00	8.90	18.00	6.60
1.00	9.10	10.00	8.90	19.00	6.00
2.00	9.10	11.00	8.80	20.00	5.70
3.00	9.20	12.00	8.50	21.00	5.60
4.00	9.10	13.00	8.00	22.00	5.40
5.00	9.10	14.00	7.80	23.00	5.30
6.00	9.10	15.00	7.60	24.00	5.30
7.00	9.00	16.00	7.40	25.00	5.10
8.00	9.00	17.00	6.90	25.50	5.00

Lake # 374 5 JUN 85 (Day 156) Time: 09 16 CDT
Air Temperature: 14 (C) Wind: W 10 - 15 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 4.5 (M) Water Color: PALE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.5 (C)
Epilimnion Temperature: 13.5 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.375 (M) Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.50	8.75	10.40	16.00	8.00
1.00	13.50	9.00	9.90	17.00	7.60
2.00	13.50	9.25	9.70	18.00	7.40
3.00	13.30	9.50	9.40	19.00	7.20
4.00	13.30	9.75	9.30	20.00	7.20
5.00	13.10	10.00	9.30	21.00	6.60
6.00	12.90	11.00	9.10	22.00	6.20
7.00	12.70	12.00	8.90	23.00	6.10
8.00	12.10	13.00	8.40	24.00	5.90
8.25	11.70	14.00	8.20	25.00	5.60
8.50	10.90	15.00	8.20		

Lake # 374 17 JUN 85 (Day 168) Time: 09 06 CDT
Air Temperature: 11.6 (C) Wind: NW 10 - 15 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 5.1 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.6 (C)
Epilimnion Temperature: 14.6 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 11.875 (M) Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.60	9.00	11.80	15.00	6.50
1.00	14.60	10.00	11.30	16.00	6.00
2.00	14.60	10.25	11.00	17.00	5.60
3.00	14.60	10.50	10.70	18.00	5.40
4.00	14.50	10.75	10.30	19.00	5.40
5.00	14.50	11.00	10.10	20.00	5.30
6.00	14.40	11.25	9.50	21.00	5.30
7.00	14.30	11.50	9.20	22.00	5.00
7.25	13.50	11.75	8.80	23.00	4.90
7.50	12.90	12.00	7.90	24.00	4.90
7.75	12.60	13.00	7.10	25.00	5.00
8.00	12.40	14.00	6.70		

Lake # 374 4 JUL 85 (Day 185) Time: 10 45 CDT
Air Temperature: 20 (C) Wind: SE 5 - 10 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 6.1 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.3 (C)
Epilimnion Temperature: 18.1 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 10.875 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.30	7.00	14.70	14.00	7.30
1.00	18.10	8.00	14.20	15.00	6.90
2.00	18.00	9.00	13.80	16.00	6.60
3.00	17.80	10.00	13.40	17.00	6.20
4.00	17.70	10.25	13.10	18.00	6.00
5.00	17.40	10.50	13.00	19.00	5.80
5.25	17.00	10.75	12.70	20.00	5.60
5.50	16.90	11.00	10.70	21.00	5.50
5.75	16.80	11.25	9.10	22.00	5.40
6.00	16.10	11.50	9.10	23.00	5.30
6.25	16.00	11.75	8.30	24.00	5.10
6.50	15.30	12.00	8.20	25.00	5.00
6.75	14.90	13.00	7.60		

Lake # 374 15 JUL 85 (Day 196) Time: 08 55 CDT
Air Temperature: 14 (C) Wind: NW 15 - 20 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 6 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.3 (C)
Epilimnion Temperature: 19.3 (C) Epilimnion Depth (1 C/M): 5.375 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.30	6.75	15.10	15.00	9.40
1.00	19.30	7.00	14.90	16.00	8.60
2.00	19.30	7.25	14.70	17.00	8.00
3.00	19.30	7.50	14.60	18.00	7.20
4.00	19.30	7.75	14.50	19.00	6.90
5.00	19.30	8.00	14.40	21.00	6.50
5.25	19.30	9.00	14.00	22.00	6.30
5.50	18.70	10.00	13.50	23.00	6.30
5.75	17.30	11.00	12.50	24.00	6.10
6.00	17.00	12.00	11.90	25.00	5.70
6.25	15.70	13.00	11.00	.	6.80
6.50	15.30	14.00	10.40		

Lake # 374 31 JUL 85 (Day 212) Time: 10 11 CDT
Air Temperature: 21 (C) Wind: S 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 7.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.4 (C)
Epilimnion Temperature: 19.9 (C) Epilimnion Depth (1 C/M): 7.375 (M)
Planar-Thermocline : 7.375 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.40	9.25	14.80	13.25	9.40
1.00	19.90	9.50	14.60	13.50	9.30
2.00	19.80	9.75	14.50	13.75	9.10
3.00	19.70	10.00	14.40	14.00	8.90
4.00	19.70	10.25	13.50	15.00	8.60
5.00	19.60	10.50	13.50	16.00	8.00
6.00	19.60	10.75	13.40	17.00	7.50
7.00	19.60	11.00	13.30	18.00	7.00
7.25	19.40	11.25	12.90	19.00	6.60
7.50	18.10	11.50	12.40	20.00	6.20
7.75	17.00	11.75	12.00	21.00	6.00
8.00	16.30	12.00	11.60	22.00	5.70
8.25	16.00	12.25	10.40	23.00	5.60
8.50	15.50	12.50	10.10	24.00	5.50
8.75	15.30	12.75	9.80	24.50	5.50
9.00	15.10	13.00	9.40		

Lake # 374 12 AUG 85 (Day 224) Time: 10 05 CDT
Air Temperature: 16 (C) Wind: SE 0 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.4 (C)
Epilimnion Temperature: 19.5 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.625 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.40	9.25	14.50	13.00	9.10
1.00	19.50	9.50	14.30	13.25	9.00
2.00	19.50	9.75	14.00	13.50	8.80
3.00	19.60	10.00	13.80	13.75	8.60
4.00	19.60	10.25	13.60	14.00	8.50
5.00	19.70	10.50	13.40	15.00	8.00
6.00	19.60	10.75	13.20	16.00	7.50
7.00	19.60	11.00	12.70	17.00	7.20
7.25	19.30	11.25	12.00	18.00	6.90
7.50	18.90	11.50	11.60	19.00	6.60
7.75	17.50	11.75	11.20	20.00	6.20
8.00	17.00	12.00	10.60	21.00	6.00
8.25	16.30	12.25	10.20	22.00	5.60
8.50	15.50	12.50	9.70	23.00	5.50
8.75	15.20	12.75	9.30	24.00	5.50
9.00	14.80				

Lake # 374 29 AUG 85 (Day 241) Time: 10 53 CDT
Air Temperature: 17.1 (C) Wind: SW 10 - 15 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 6.3 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.2 (C)
Epilimnion Temperature: 17.1 (C) Epilimnion Depth (1 C/M): 11.125 (M)
Planar-Thermocline : 11.625 (M) Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.20	11.00	14.80	16.00	7.70
1.00	17.10	11.25	14.00	17.00	7.10
2.00	17.00	11.50	13.70	18.00	6.70
3.00	16.90	11.75	12.80	19.00	6.40
4.00	16.80	12.00	12.30	20.00	6.10
5.00	16.80	12.25	11.50	21.00	5.80
6.00	16.60	12.50	11.20	22.00	5.60
7.00	16.50	12.75	10.80	23.00	5.50
8.00	16.30	13.00	10.60	24.00	5.40
9.00	16.00	14.00	9.20	25.00	5.30
10.00	15.20	15.00	8.50		

Lake # 374 9 SEP 85 (Day 252) Time: 09 21 CDT
Air Temperature: 11 (C) Wind: NE 10 - 15 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 5.5 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16 (C)
Epilimnion Temperature: 16 (C) Epilimnion Depth (1 C/M): 12.125 (M)
Planar-Thermocline : 12.375 (M) Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.00	12.25	13.80	15.50	8.20
1.00	16.00	12.50	12.90	15.75	8.00
2.00	16.00	12.75	12.10	16.00	7.80
3.00	16.00	13.00	11.50	17.00	7.30
4.00	16.00	13.25	11.30	18.00	6.80
5.00	16.00	13.50	11.10	19.00	6.50
6.00	16.00	13.75	10.70	20.00	6.10
7.00	16.00	14.00	10.40	21.00	5.90
8.00	16.00	14.25	10.00	22.00	5.70
9.00	15.90	14.50	9.70	23.00	5.60
10.00	15.80	14.75	9.30	24.00	5.50
11.00	15.00	15.00	9.10	25.00	5.40
12.00	14.30	15.25	8.50	25.20	5.40

Lake # 374 26 SEP 85 (Day 269) Time: 09 05 CDT
Air Temperature: 7 (C) Wind: W 0 - 5 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 5.5 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.1 (C)
Epilimnion Temperature: 12.1 (C) Epilimnion Depth (1 C/M): 15.375 (M)
Planar-Thermocline : 16.875 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.10	11.00	12.20	16.50	9.20
1.00	12.10	12.00	12.20	16.75	9.20
2.00	12.20	13.00	12.20	17.00	7.50
3.00	12.20	14.00	12.10	18.00	6.80
4.00	12.20	15.00	12.10	19.00	6.50
5.00	12.20	15.25	11.90	20.00	6.20
6.00	12.20	15.50	11.50	21.00	5.90
7.00	12.20	15.75	11.20	22.00	5.70
8.00	12.20	16.00	10.40	23.00	5.60
9.00	12.20	16.25	9.90	24.00	5.50
10.00	12.20				

Lake # 374 7 OCT 85 (Day 280) Time: 09 40 CDT
Air Temperature: 5 (C) Wind: SE 5 - 10 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 7.4 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10.2 (C)
Epilimnion Temperature: 10.2 (C) Epilimnion Depth (1 C/M): 16.125 (M)
Planar-Thermocline : 16.125 (M) Change at Planar-Thermo: 2.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.20	11.00	10.20	17.50	7.50
1.00	10.20	12.00	10.20	17.75	7.40
2.00	10.20	13.00	10.20	18.00	7.20
3.00	10.20	14.00	10.20	19.00	6.80
4.00	10.20	15.00	10.20	20.00	6.40
5.00	10.20	16.00	9.90	21.00	6.10
6.00	10.20	16.25	9.20	22.00	5.90
7.00	10.20	16.50	9.10	23.00	5.60
8.00	10.20	16.75	8.90	24.00	5.60
9.00	10.20	17.00	8.40	25.00	5.60
10.00	10.20	17.25	7.90		

Lake # 374 28 OCT 85 (Day 301) Time: 09 36 CDT
Air Temperature: 10 (C) Wind: SE 15 - 20 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 4.8 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.4 (C)
Epilimnion Temperature: 7.4 (C) Epilimnion Depth (1 C/M): 22.5 (M)
Planar-Thermocline : 22.25 (M) Change at Planar-Thermo: 0.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.40	8.00	7.40	16.00	7.30
1.00	7.40	9.00	7.40	17.00	7.30
2.00	7.40	10.00	7.40	18.00	7.30
3.00	7.40	11.00	7.40	19.00	7.30
4.00	7.40	12.00	7.40	20.00	7.30
5.00	7.40	13.00	7.40	21.00	7.30
6.00	7.40	14.00	7.40	22.00	7.30
7.00	7.40	15.00	7.30	22.50	7.00

Lake # 382 21 MAY 85 (Day 141) Time: 09 39 CDT
Air Temperature: 15 (C) Wind: N 5 - 10 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.7 (C)
Epilimnion Temperature: 12.7 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.70	5.25	10.10	9.00	6.60
1.00	12.70	5.50	9.50	10.00	6.40
2.00	12.60	5.75	9.20	11.00	6.20
3.00	12.50	6.00	8.30	12.00	6.10
4.00	12.50	7.00	7.50	13.00	6.00
5.00	11.50	8.00	6.90		

Lake # 382 7 JUN 85 (Day 158) Time: 08 45 CDT
Air Temperature: 19 (C) Wind: N 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.7 (C)
Epilimnion Temperature: 14.7 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.70	5.00	12.10	6.75	7.90
1.00	14.70	5.25	11.30	7.00	7.70
2.00	14.60	5.50	10.70	8.00	7.00
3.00	14.50	5.75	10.00	9.00	6.70
4.00	14.40	6.00	9.10	10.00	6.50
4.25	14.10	6.25	8.40	11.00	6.40
4.50	13.60	6.50	8.20	12.00	6.20
4.75	13.10				

Lake # 382 18 JUN 85 (Day 169) Time: 09 52 CDT
Air Temperature: 14 (C) Wind: E 10 - 15 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.9 (C)
Epilimnion Temperature: 15.9 (C) Epilimnion Depth (1 C/M): 3.375 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.90	4.75	14.00	7.00	8.60
1.00	15.90	5.00	13.70	7.25	8.00
2.00	15.90	5.25	13.10	7.50	7.80
3.00	15.90	5.50	12.60	7.75	7.60
3.25	15.70	5.75	11.10	8.00	7.40
3.50	15.30	6.00	11.00	9.00	6.90
3.75	15.00	6.25	10.00	10.00	6.60
4.00	14.90	6.50	9.30	11.00	6.40
4.25	14.60	6.75	8.90	12.00	6.40
4.50	14.50				

Lake # 382 3 JUL 85 (Day 184) Time: 14 50 CDT
Air Temperature: 19 (C) Wind: SW 5 - 10 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 2.9 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20 (C)
Epilimnion Temperature: 19.9 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.00	5.25	14.60	7.25	8.50
1.00	19.90	5.50	14.20	7.50	8.10
2.00	19.90	5.75	13.90	7.75	7.90
2.25	19.60	6.00	12.70	8.00	7.80
2.50	18.90	6.25	11.40	9.00	7.00
2.75	17.00	6.50	10.60	10.00	6.80
3.00	16.40	6.75	10.10	11.00	6.50
4.00	15.60	7.00	9.50	12.00	6.40
5.00	15.20				

Lake # 382 16 JUL 85 (Day 197) Time: 08 55 CDT
Air Temperature: 17 (C) Wind: S 10 - 15 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 3.1 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.4 (C)
Epilimnion Temperature: 19.6 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.40	5.50	13.90	7.75	8.30
1.00	19.60	5.75	13.40	8.00	7.90
2.00	19.70	6.00	12.40	8.25	7.80
3.00	19.70	6.25	11.50	8.50	7.60
4.00	19.20	6.50	10.80	8.75	7.40
4.25	16.60	6.75	10.30	9.00	7.30
4.50	16.10	7.00	9.60	10.00	6.90
4.75	15.60	7.25	9.30	11.00	6.60
5.00	15.20	7.50	8.70	12.00	6.50
5.25	14.70				

Lake # 382 1 AUG 85 (Day 213) Time: 09 18 CDT
Air Temperature: 20 (C) Wind: 0 - 0 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.2 (C)
Epilimnion Temperature: 21 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.20	5.75	14.00	8.25	7.80
1.00	21.00	6.00	13.00	8.50	7.70
2.00	20.60	6.25	12.10	8.75	7.60
3.00	20.20	6.50	11.40	9.00	7.50
4.00	19.70	6.75	10.80	9.50	7.00
4.25	19.30	7.00	10.20	10.00	6.80
4.50	18.90	7.25	9.50	10.50	6.80
4.75	17.90	7.50	9.10	11.00	6.70
5.00	17.20	7.75	8.60	11.50	6.70
5.25	16.20	8.00	8.30	12.00	6.50
5.50	15.20				

Lake # 382 13 AUG 85 (Day 225) Time: 10 26 CDT
Air Temperature: 14 (C) Wind: SW 20 - 30 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.6 (C)
Epilimnion Temperature: 18.8 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.60	6.25	13.20	8.50	7.90
1.00	18.80	6.50	11.70	8.75	7.70
2.00	18.70	6.75	11.20	9.00	7.60
3.00	18.80	7.00	10.50	9.25	7.40
4.00	18.80	7.25	10.30	9.50	7.30
5.00	18.90	7.50	9.70	9.75	7.00
5.25	17.10	7.75	9.10	10.00	7.10
5.50	15.60	8.00	8.60	11.00	6.90
5.75	14.80	8.25	8.10	12.00	6.70
6.00	13.70				

Lake # 382 28 AUG 85 (Day 240) Time: 09 33 CDT
Air Temperature: 18 (C) Wind: 0 - 0 KMPH
Cloud Cover: 1 /10 Weather Description: -99
Secchi Visibility: 3.3 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.2 (C)
Epilimnion Temperature: 17.3 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.20	6.50	13.30	8.25	8.60
1.00	17.30	6.75	12.40	8.50	8.40
2.00	17.20	7.00	11.30	8.75	8.10
3.00	17.10	7.25	10.80	9.00	7.80
4.00	16.40	7.50	10.10	10.00	7.40
5.00	16.00	7.75	9.70	11.00	7.20
6.00	15.20	8.00	9.10	12.00	7.00
6.25	14.40				

Lake # 382 10 SEP 85 (Day 253) Time: 10 20 CDT
Air Temperature: 15 (C) Wind: N 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.8 (C)
Epilimnion Temperature: 15.7 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.80	6.25	14.80	7.75	10.00
1.00	15.70	6.50	14.40	8.00	9.30
2.00	15.70	6.75	13.50	9.00	8.20
3.00	15.60	7.00	12.70	10.00	7.50
4.00	15.60	7.25	11.10	11.00	7.30
5.00	15.60	7.50	10.50	12.00	7.10
6.00	15.30				

Lake # 382 26 SEP 85 (Day 269) Time: 11 30 CDT
Air Temperature: 4 (C) Wind: SW 10 - 15 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 3.3 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.3 (C)
Epilimnion Temperature: 11.3 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.875 (M) Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.30	7.00	11.10	9.25	7.80
1.00	11.30	8.00	11.00	9.50	7.70
2.00	11.30	8.25	10.70	9.75	7.60
3.00	11.20	8.50	10.80	10.00	7.40
4.00	11.10	8.75	10.70	11.00	7.20
5.00	11.10	9.00	8.60	12.00	6.90
6.00	11.10				

Lake # 382 8 OCT 85 (Day 281) Time: 10 45 CDT
Air Temperature: 2 (C) Wind: N 30 - 35 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: PALE -BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 8.1 (C)
Epilimnion Temperature: 8.1 (C) Epilimnion Depth (1 C/M): 12.25 (M)
Planar-Thermocline : 12.25 (M) Change at Planar-Thermo: 1.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.10	5.00	8.10	10.00	8.10
1.00	8.10	6.00	8.10	11.00	8.10
2.00	8.10	7.00	8.10	12.00	8.10
3.00	8.10	8.00	8.10	12.50	7.30
4.00	8.10	9.00	8.10		

Lake # 382 21 OCT 85 (Day 294) Time: 09 45 CDT
Air Temperature: 10 (C) Wind: SW 5 - 10 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4.5 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.2 (C)
Epilimnion Temperature: 6.2 (C) Epilimnion Depth (1 C/M): 12 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.20	5.00	6.20	9.00	6.20
1.00	6.20	6.00	6.20	10.00	6.20
2.00	6.20	7.00	6.20	11.00	6.20
3.00	6.20	8.00	6.20	12.00	6.20
4.00	6.20				

Lake # 623 28 MAY 85 (Day 148) Time: 09 35 CDT
Air Temperature: 18 (C) Wind: N 0 - 5 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 4.7 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.6 (C)
Epilimnion Temperature: 16.6 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.60	5.00	12.60	9.00	6.40
1.00	16.60	5.25	11.90	10.00	6.10
2.00	16.60	5.50	11.50	11.00	5.80
3.00	15.60	5.75	10.80	12.00	5.70
3.25	15.00	6.00	10.20	13.00	5.60
3.50	14.60	6.25	9.10	14.00	5.50
3.75	14.10	6.50	8.60	15.00	5.50
4.00	13.70	6.75	7.80	16.00	5.40
4.25	13.30	7.00	7.70	17.00	5.40
4.50	13.30	8.00	6.80	18.00	5.40
4.75	13.00				

Lake # 623 13 JUN 85 (Day 164) Time: 15 03 CDT
Air Temperature: 21 (C) Wind: S 10 - 15 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 4.6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.8 (C)
Epilimnion Temperature: 17 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.80	6.50	10.20	12.00	5.70
1.00	17.00	6.75	9.00	13.00	5.60
2.00	16.10	7.00	8.50	14.00	5.50
3.00	15.60	7.25	8.10	15.00	5.40
4.00	15.30	7.50	7.70	16.00	5.40
5.00	15.00	7.75	7.60	17.00	5.40
5.25	14.60	8.00	7.30	18.00	5.30
5.50	13.80	9.00	6.70	19.00	5.30
5.75	12.50	10.00	6.20	20.00	5.30
6.00	11.40	11.00	5.90	20.50	5.10
6.25	10.40				

Lake # 623 25 JUN 85 (Day 176) Time: 09 14 CDT
Air Temperature: 13 (C) Wind: NE 20 - 25 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.6 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.2 (C)
Epilimnion Temperature: 16.3 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.20	6.50	10.30	12.00	5.80
1.00	16.30	6.75	9.90	13.00	5.70
2.00	16.30	7.00	9.10	14.00	5.60
3.00	16.30	7.25	8.80	15.00	5.40
4.00	15.80	7.50	8.20	16.00	5.20
5.00	15.60	7.75	7.90	17.00	5.30
5.25	15.30	8.00	7.70	18.00	5.30
5.50	14.60	9.00	6.80	19.00	5.30
5.75	14.40	10.00	6.20	20.00	5.10
6.00	13.50	11.00	6.00	20.75	5.10
6.25	11.80				

Lake # 623 10 JUL 85 (Day 191) Time: 09 25 CDT
Air Temperature: 16 (C) Wind: NE 10 - 15 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.8 (C)
Epilimnion Temperature: 20.9 (C) Epilimnion Depth (1 C/M): 2.875 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.80	5.25	15.10	8.75	6.60
1.00	20.90	5.50	14.90	9.00	6.40
2.00	20.80	5.75	14.30	10.00	6.00
2.25	20.80	6.00	13.40	11.00	5.70
2.50	20.80	6.25	12.40	12.00	5.40
2.75	20.80	6.50	11.60	13.00	5.30
3.00	19.00	6.75	10.80	14.00	5.20
3.25	18.00	7.00	10.00	15.00	5.10
3.50	17.20	7.25	9.10	16.00	5.00
3.75	16.80	7.50	8.40	17.00	5.00
4.00	16.60	7.75	7.90	18.00	5.00
4.25	16.20	8.00	7.50	19.00	5.00
4.50	16.10	8.25	7.00	20.00	5.00
4.75	15.70	8.50	6.70	21.00	5.00
5.00	15.40				

Lake # 623 25 JUL 85 (Day 206) Time: 09 06 CDT
Air Temperature: 15 (C) Wind: NW 0 - 5 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20 (C)
Epilimnion Temperature: 20.1 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.00	6.25	13.00	10.00	6.70
1.00	20.10	6.50	12.10	11.00	6.40
2.00	20.00	6.75	11.50	12.00	6.00
3.00	20.00	7.00	11.00	13.00	5.80
4.00	19.70	7.25	10.10	14.00	5.60
4.25	19.30	7.50	9.30	15.00	5.50
4.50	19.10	7.75	8.90	16.00	5.50
4.75	18.40	8.00	8.30	17.00	5.40
5.00	16.80	8.25	7.70	18.00	5.40
5.25	15.90	8.50	7.40	19.00	5.40
5.50	15.30	8.75	7.20	20.00	5.40
5.75	14.80	9.00	7.10	21.00	5.30
6.00	13.60				

Lake # 623 7 AUG 85 (Day 219) Time: 11 50 CDT
Air Temperature: 21 (C) Wind: W 15 - 20 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 4.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.1 (C)
Epilimnion Temperature: 21.1 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.10	6.75	12.10	10.25	6.50
1.00	21.10	7.00	11.30	10.50	6.50
2.00	21.00	7.25	10.60	10.75	6.40
3.00	20.90	7.50	10.00	11.00	6.20
4.00	20.50	7.75	9.50	12.00	6.00
4.25	20.20	8.00	9.10	13.00	5.80
4.50	20.20	8.25	8.40	14.00	5.70
4.75	19.60	8.50	8.20	15.00	5.60
5.00	18.90	8.75	7.90	16.00	5.50
5.25	17.90	9.00	7.70	17.00	5.50
5.50	17.30	9.25	7.30	18.00	5.50
5.75	16.10	9.50	7.00	19.00	5.40
6.00	15.10	9.75	6.80	20.00	5.40
6.25	13.70	10.00	6.70	21.00	5.40
6.50	12.90				

Lake # 623 20 AUG 85 (Day 232) Time: 10 38 CDT
Air Temperature: 15 (C) Wind: N 0 - 5 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 5.2 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.5 (C)
Epilimnion Temperature: 16.6 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.50	7.25	11.30	12.00	6.10
1.00	16.60	7.50	10.60	13.00	5.90
2.00	16.60	7.75	9.70	14.00	5.70
3.00	16.60	8.00	9.10	15.00	5.70
4.00	16.60	8.25	9.20	16.00	5.50
5.00	16.60	8.50	8.30	17.00	5.40
6.00	15.90	8.75	7.90	18.00	5.40
6.25	15.30	9.00	7.70	19.00	5.40
6.50	15.10	10.00	6.80	20.00	5.40
6.75	13.80	11.00	6.50	21.00	5.30
7.00	11.60				

Lake # 623 5 SEP 85 (Day 248) Time: 13 51 CDT
Air Temperature: 18 (C) Wind: SE 10 - 15 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 5 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.5 (C)
Epilimnion Temperature: 16.5 (C) Epilimnion Depth (1 C/M): 6.375 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.50	7.25	12.60	10.00	7.20
1.00	16.50	7.50	11.80	11.00	6.60
2.00	16.40	7.75	11.20	12.00	6.20
3.00	16.40	8.00	10.20	13.00	6.00
4.00	16.30	8.25	9.50	14.00	5.90
5.00	16.30	8.50	9.20	15.00	5.80
6.00	16.20	8.75	8.70	16.00	5.70
6.25	16.00	9.00	8.30	17.00	5.60
6.50	15.40	9.25	7.80	18.00	5.60
6.75	14.70	9.50	7.60	19.00	5.50
7.00	13.80	9.75	7.40	20.00	5.50

Lake # 623 17 SEP 85 (Day 260) Time: 09 05 CDT
Air Temperature: 18 (C) Wind: S 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.2 (C)
Epilimnion Temperature: 15.2 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.375 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.20	7.75	10.90	11.00	6.60
1.00	15.20	8.00	10.20	12.00	6.20
2.00	15.20	8.25	9.30	13.00	6.00
3.00	15.20	8.50	10.00	14.00	5.80
4.00	15.10	8.75	8.90	15.00	5.70
5.00	15.10	9.00	8.50	16.00	5.60
6.00	15.00	9.25	7.90	17.00	5.50
7.00	14.60	9.50	7.70	18.00	5.50
7.25	13.40	9.75	7.50	19.00	5.50
7.50	11.70	10.00	7.20	20.00	5.40

Lake # 623 3 OCT 85 (Day 276) Time: 09 07 CDT
Air Temperature: 10 (C) Wind: SW 10 - 15 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.8 (C)
Epilimnion Temperature: 9.7 (C) Epilimnion Depth (1 C/M): 10.125 (M)
Planar-Thermocline : 10.125 (M) Change at Planar-Thermo: 2.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.80	9.00	9.30	14.00	5.90
1.00	9.70	10.00	9.10	15.00	5.70
2.00	9.70	10.25	8.60	16.00	5.60
3.00	9.70	10.50	8.10	17.00	5.60
4.00	9.70	10.75	7.60	18.00	5.60
5.00	9.70	11.00	7.10	19.00	5.60
6.00	9.50	12.00	6.40	20.00	5.60
7.00	9.50	13.00	6.00	20.50	5.40
8.00	9.50				

Lake # 623 15 OCT 85 (Day 288) Time: 09 08 CDT
Air Temperature: 4 (C) Wind: NW 5 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.4 (C)
Epilimnion Temperature: 7.1 (C) Epilimnion Depth (1 C/M): 21 (M)
Planar-Thermocline : 15.5 (M) Change at Planar-Thermo: 0.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.40	8.00	6.90	15.00	6.50
1.00	7.10	9.00	6.90	16.00	5.70
2.00	7.00	10.00	6.90	17.00	5.70
3.00	7.00	11.00	6.80	18.00	5.50
4.00	7.00	12.00	6.80	19.00	5.50
5.00	6.90	13.00	6.70	20.00	5.50
6.00	6.90	14.00	6.60	21.00	5.40
7.00	6.90				

Lake # 623 29 OCT 85 (Day 302) Time: 09 07 CDT
Air Temperature: 10 (C) Wind: NW 5 - 10 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.8 (C)
Epilimnion Temperature: 6.7 (C) Epilimnion Depth (1 C/M): 21 (M)
Planar-Thermocline : 20.5 (M) Change at Planar-Thermo: 0.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.80	8.00	6.60	15.00	6.60
1.00	6.70	9.00	6.60	16.00	6.60
2.00	6.70	10.00	6.60	17.00	6.60
3.00	6.60	11.00	6.60	18.00	6.60
4.00	6.60	12.00	6.60	19.00	6.60
5.00	6.60	13.00	6.60	20.00	6.60
6.00	6.60	14.00	6.60	21.00	6.20
7.00	6.60				

Lake # 629 27 MAY 85 (Day 147) Time: 13 20 CDT
Air Temperature: 18 (C) Wind: W 5 - 10 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.9 (C)
Epilimnion Temperature: 16.7 (C) Epilimnion Depth (1 C/M): 1.125 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.90	4.00	13.10	9.00	6.70
1.00	16.70	4.25	12.80	10.00	6.20
1.25	16.40	4.75	12.50	11.00	6.00
1.50	16.30	5.00	12.10	12.00	5.80
1.75	16.10	5.50	11.60	13.00	5.70
2.00	16.00	6.00	11.00	14.00	5.60
2.50	15.90	6.50	9.90	15.00	5.50
3.00	15.20	7.00	8.50	16.00	5.40
3.25	14.10	7.50	7.70	17.00	5.30
3.50	13.60	8.00	7.20	18.00	5.30
3.75	13.40				

Lake # 629 12 JUN 85 (Day 163) Time: 10 39 CDT
Air Temperature: 21 (C) Wind: NW 10 - 15 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 4.1 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15 (C)
Epilimnion Temperature: 14.9 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.00	7.00	11.00	10.00	6.60
1.00	14.90	7.25	9.90	11.00	6.20
2.00	14.80	7.50	9.40	12.00	5.90
3.00	14.70	7.75	8.60	13.00	5.80
4.00	14.50	8.00	8.30	14.00	5.70
5.00	14.00	8.25	7.60	15.00	5.60
6.00	13.50	8.50	7.30	16.00	5.40
6.25	13.00	8.75	7.10	17.00	5.30
6.50	12.60	9.00	7.00	18.00	5.30
6.75	12.20				

Lake # 629 24 JUN 85 (Day 175) Time: 09 41 CDT
Air Temperature: 17 (C) Wind: 0 - 0 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 5.3 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.4 (C)
Epilimnion Temperature: 15.1 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.40	7.00	11.90	11.00	6.20
1.00	15.10	7.25	10.70	12.00	5.90
2.00	15.00	7.50	10.10	13.00	5.80
3.00	15.00	7.75	9.70	14.00	5.60
4.00	15.00	8.00	9.10	15.00	5.40
5.00	14.90	8.25	8.30	16.00	5.30
6.00	14.80	8.50	7.80	17.00	5.30
6.25	13.90	8.75	7.60	18.00	5.10
6.50	13.30	9.00	7.40	19.00	5.10
6.75	12.50	10.00	6.80		

Lake # 629 10 JUL 85 (Day 191) Time: 09 55 CDT
Air Temperature: 18 (C) Wind: NW 15 - 20 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 4.9 (M) Water Color: PALE -BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.4 (C)
Epilimnion Temperature: 20.4 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 8.125 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.40	4.75	15.50	8.75	8.20
1.00	20.40	5.00	15.30	9.00	7.80
2.00	20.40	6.00	14.60	10.00	7.10
2.25	20.30	6.25	14.00	11.00	6.70
2.50	20.30	6.50	13.70	12.00	6.20
2.75	19.70	6.75	13.20	13.00	5.90
3.00	18.70	7.00	12.70	14.00	5.70
3.25	17.70	7.25	12.00	15.00	5.50
3.50	17.20	7.50	11.60	16.00	5.40
3.75	16.80	7.75	10.80	17.00	5.30
4.00	16.40	8.00	10.30	18.00	5.30
4.25	15.90	8.25	8.80	19.00	5.10
4.50	15.70	8.50	8.50	20.00	5.10

Lake # 629 22 JUL 85 (Day 203) Time: 10 40 CDT
Air Temperature: 18 (C) Wind: S 0 - 5 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 5.3 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.4 (C)
Epilimnion Temperature: 20.2 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.40	6.00	14.50	8.75	8.40
1.00	20.20	6.25	13.90	9.00	7.90
2.00	20.20	6.50	13.50	10.00	7.10
3.00	20.20	6.75	12.90	11.00	6.70
4.00	20.10	7.00	12.40	12.00	6.20
4.25	19.50	7.25	11.20	13.00	5.90
4.50	18.70	7.50	10.70	14.00	5.70
4.75	16.90	7.75	10.00	15.00	5.50
5.00	16.40	8.00	9.70	16.00	5.40
5.25	15.60	8.25	9.00	17.00	5.30
5.50	15.20	8.50	8.80	18.00	5.30
5.75	15.00				

Lake # 629 7 AUG 85 (Day 219) Time: 10 30 CDT
Air Temperature: 21 (C) Wind: NW 15 - 20 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 3.7 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.9 (C)
Epilimnion Temperature: 20.8 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.90	6.25	14.50	9.50	7.80
1.00	20.80	6.50	13.80	9.75	7.60
2.00	20.70	6.75	13.20	10.00	7.50
3.00	20.60	7.00	12.60	11.00	6.80
4.00	19.70	7.25	11.80	12.00	6.40
4.25	19.40	7.50	11.10	13.00	6.00
4.50	19.40	7.75	10.50	14.00	5.80
4.75	19.00	8.00	10.20	15.00	5.70
5.00	18.30	8.25	9.80	16.00	5.50
5.25	17.60	8.50	9.40	17.00	5.40
5.50	16.80	8.75	9.10	18.00	5.30
5.75	16.20	9.00	8.80	19.00	5.20
6.00	15.40	9.25	8.30		

Lake # 629 19 AUG 85 (Day 231) Time: 10 45 CDT
Air Temperature: 12 (C) Wind: NE 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16 (C)
Epilimnion Temperature: 16.2 (C) Epilimnion Depth (1 C/M): 6.625 (M)
Planar-Thermocline : 7.625 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.00	7.50	12.90	10.50	7.00
1.00	16.20	7.75	11.60	10.75	6.90
2.00	16.20	8.00	10.70	11.00	6.80
3.00	16.20	8.25	10.20	12.00	6.40
4.00	16.20	8.50	9.70	13.00	6.00
5.00	16.20	8.75	9.20	14.00	5.70
6.00	16.20	9.00	8.90	15.00	5.60
6.25	16.10	9.25	8.20	16.00	5.50
6.50	16.00	9.50	7.90	17.00	5.40
6.75	15.20	9.75	7.70	18.00	5.30
7.00	14.40	10.00	7.40	19.00	5.10
7.25	13.80	10.25	6.70	20.00	5.10

Lake # 629 5 SEP 85 (Day 248) Time: 15 43 CDT
Air Temperature: 18 (C) Wind: SE 15 - 20 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.4 (C)
Epilimnion Temperature: 16.4 (C) Epilimnion Depth (1 C/M): 6.875 (M)
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.40	7.25	13.90	10.00	7.30
1.00	16.40	7.50	13.40	11.00	6.80
2.00	16.40	7.75	11.90	12.00	6.40
3.00	16.40	8.00	11.60	13.00	6.10
4.00	16.40	8.25	10.90	14.00	5.90
5.00	16.40	8.50	10.60	15.00	5.70
6.00	16.40	8.75	9.90	16.00	5.60
6.25	16.30	9.00	9.30	17.00	5.50
6.50	16.20	9.25	8.00	18.00	5.50
6.75	16.10	9.50	7.90	19.00	5.40
7.00	14.20	9.75	7.70		

Lake # 629 16 SEP 85 (Day 259) Time: 11 05 CDT
Air Temperature: 15 (C) Wind: NW 5 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.3 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.9 (C)
Epilimnion Temperature: 14.9 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 8.125 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.90	7.75	13.30	10.00	7.90
1.00	14.90	8.00	12.40	11.00	7.00
2.00	14.90	8.25	11.20	12.00	6.40
3.00	14.90	8.50	10.50	13.00	6.10
4.00	14.90	8.75	9.40	14.00	5.80
5.00	14.90	9.00	9.20	15.00	5.70
6.00	14.90	9.25	8.40	16.00	5.60
7.00	14.80	9.50	8.20	17.00	5.50
7.25	14.40	9.75	8.10	18.00	5.50
7.50	13.80				

Lake # 629 2 OCT 85 (Day 275) Time: 14 30 CDT
Air Temperature: Wind: SW 0 - 5 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10.5 (C)
Epilimnion Temperature: 10.5 (C) Epilimnion Depth (1 C/M): 10.125 (M)
Planar-Thermocline : 10.625 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.50	8.00	10.00	12.00	6.70
1.00	10.50	9.00	9.90	13.00	6.40
2.00	10.50	10.00	9.90	14.00	6.10
3.00	10.30	10.25	9.30	15.00	6.00
4.00	10.10	10.50	8.90	16.00	5.70
5.00	10.10	10.75	7.70	17.00	5.60
6.00	10.10	11.00	7.40	18.00	5.60
7.00	10.10				

Lake # 629 14 OCT 85 (Day 287) Time: 10 54 CDT
Air Temperature: Wind: NE 5 - 10 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: DARK -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.4 (C)
Epilimnion Temperature: 7.4 (C) Epilimnion Depth (1 C/M): 18 (M)
Planar-Thermocline : 17.5 (M) Change at Planar-Thermo: 0.800 (C/M)

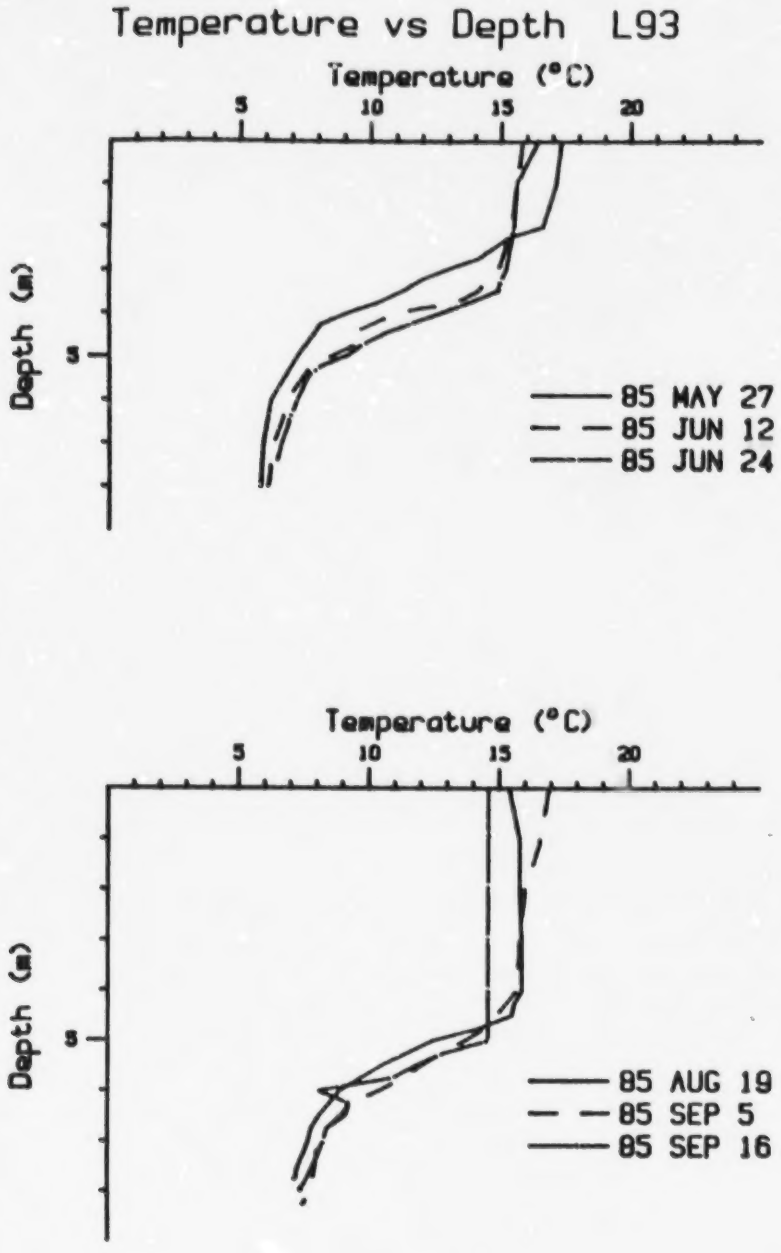
DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.40	7.00	7.30	13.00	7.30
1.00	7.40	8.00	7.30	14.00	7.30
2.00	7.40	9.00	7.30	15.00	7.30
3.00	7.40	10.00	7.30	16.00	6.80
4.00	7.40	11.00	7.30	17.00	6.40
5.00	7.40	12.00	7.30	18.00	5.60
6.00	7.30				

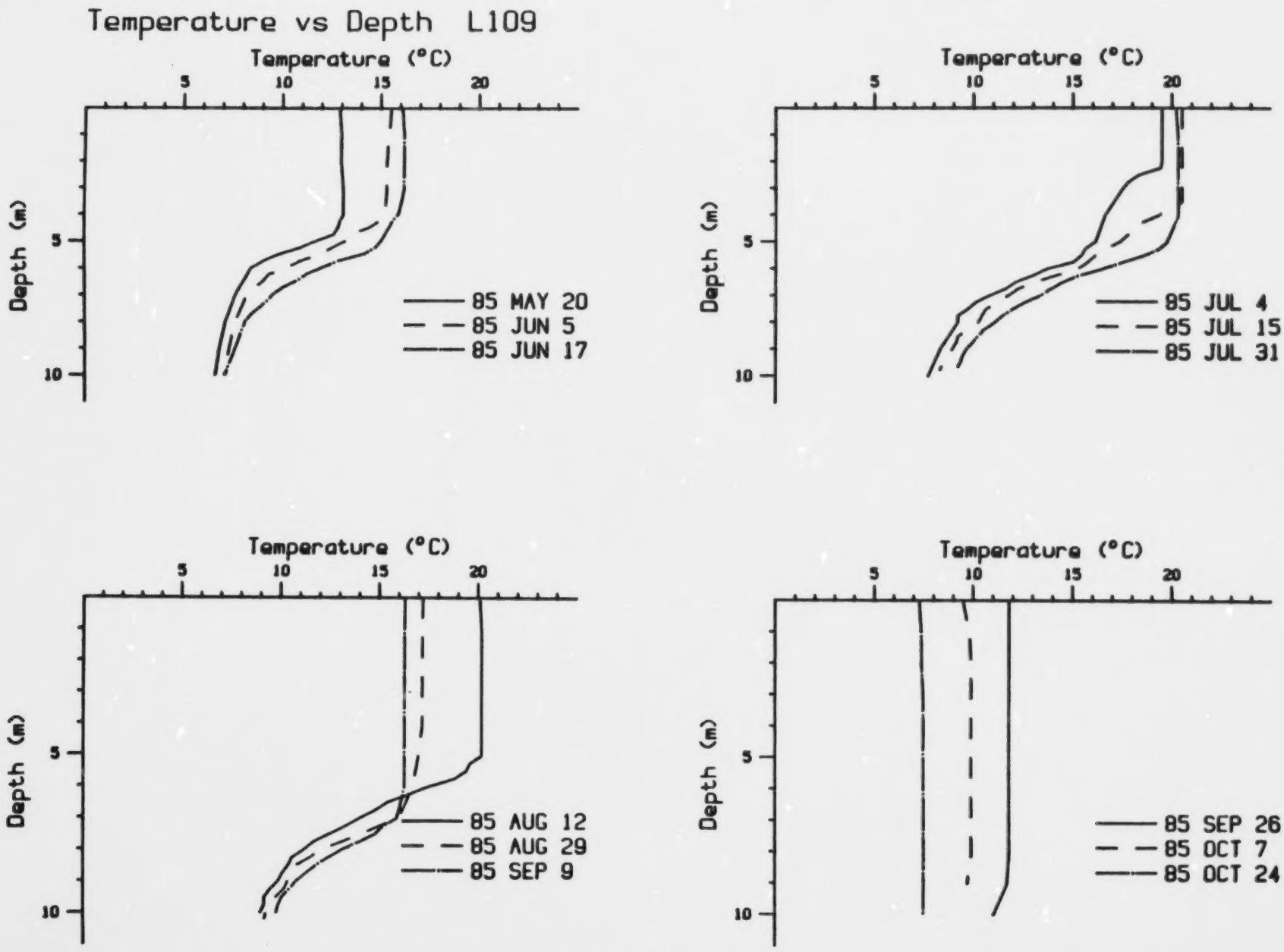
Lake # 629 28 OCT 85 (Day 301) Time: 10 08 CDT
Air Temperature: 9 (C) Wind: W 15 - 20 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.9 (C)
Epilimnion Temperature: 6.7 (C) Epilimnion Depth (1 C/M): 18 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.200 (C/M)

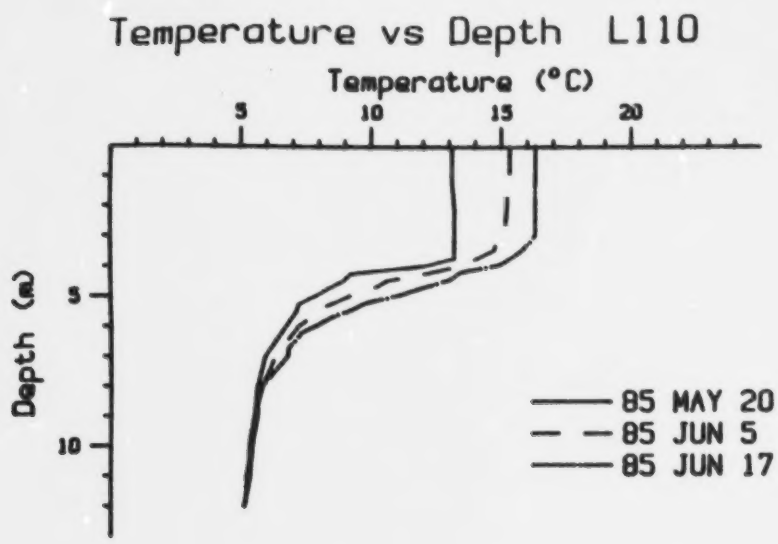
DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.90	7.00	6.70	13.00	6.60
1.00	6.70	8.00	6.60	14.00	6.60
2.00	6.70	9.00	6.60	15.00	6.60
3.00	6.70	10.00	6.60	16.00	6.60
4.00	6.70	11.00	6.60	17.00	6.60
5.00	6.70	12.00	6.60	18.00	6.60
6.00	6.70				

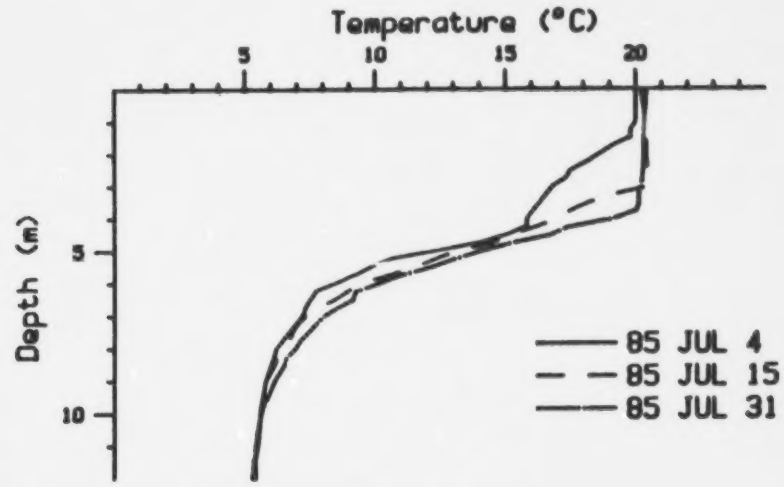
APPENDIX B

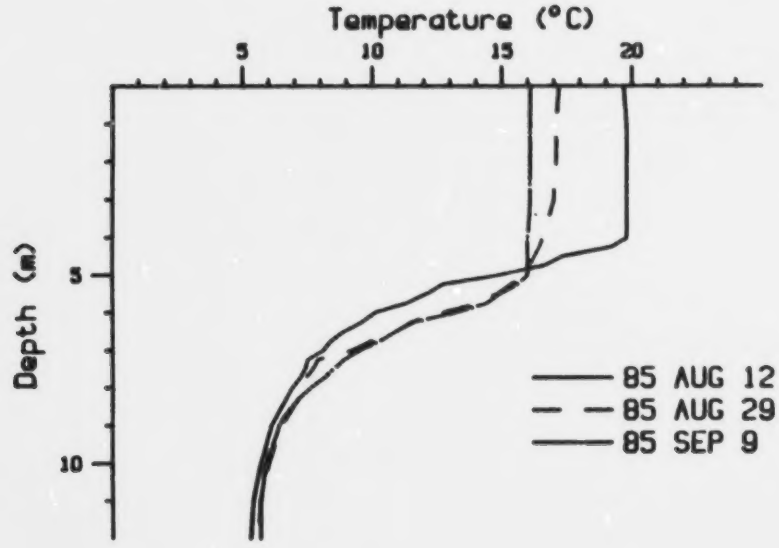
Graphical presention of temperature profiles.

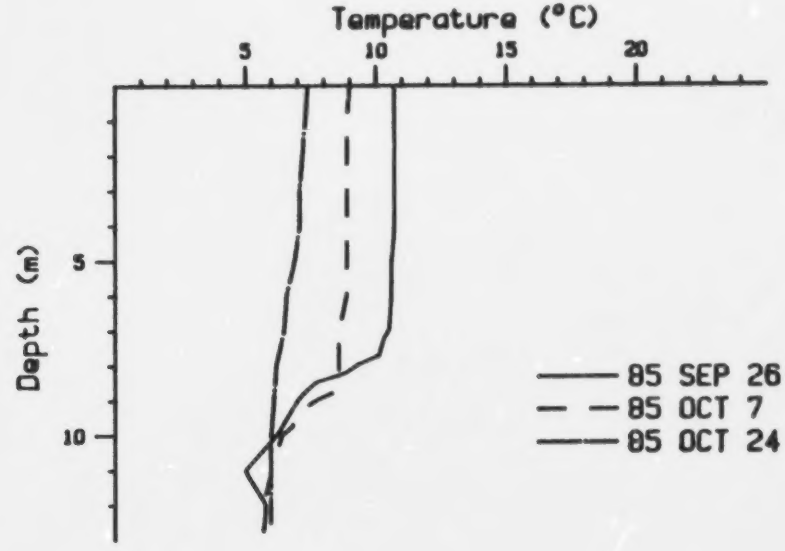

Temperature vs Depth L93
Temperature (°C)
5
10
15
20
Depth (m)
5
85 MAY 27
85 JUN 12
85 JUN 24
Temperature (°C)
5
10
15
20
Depth (m)
5
85 JUL 10
85 JUL 22
85 AUG 7
Temperature (°C)
5
10
15
20
Depth (m)
5
85 AUG 19
85 SEP 5
85 SEP 16
Temperature (°C)
5
10
15
20
Depth (m)
5
85 OCT 2
85 OCT 14

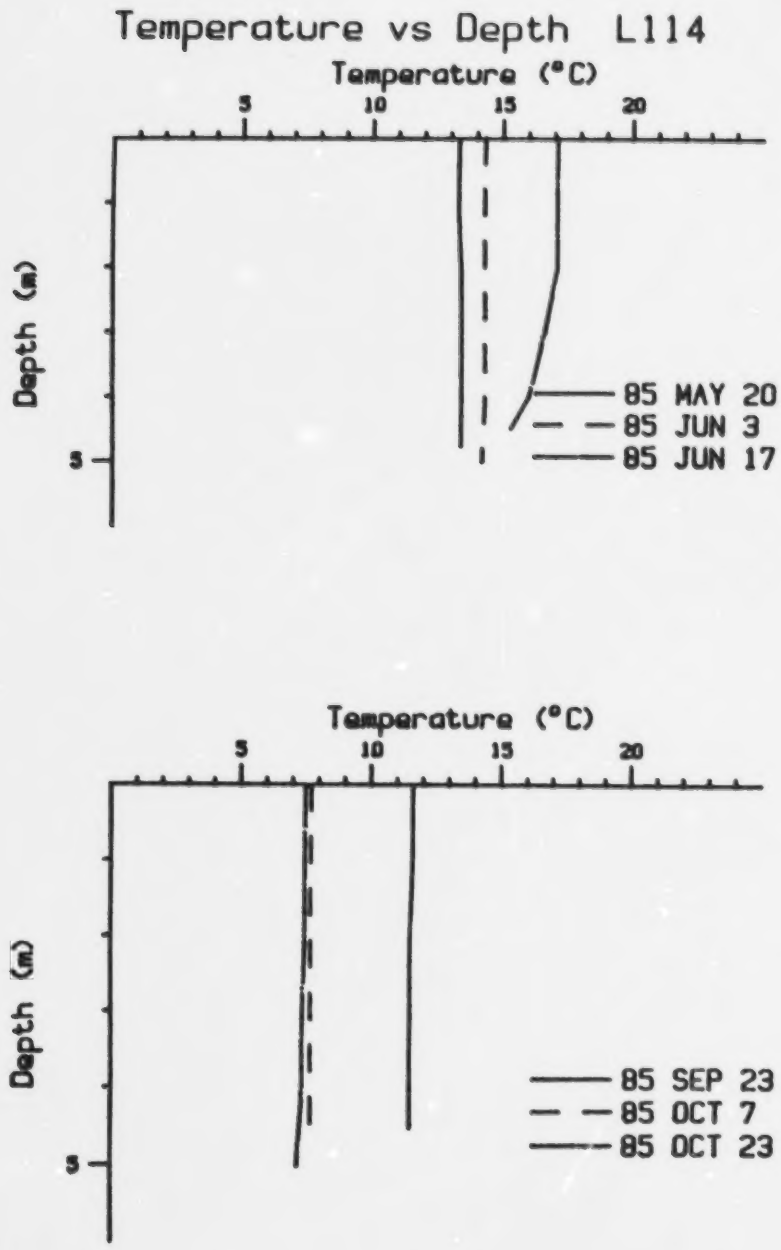

Temperature vs Depth L109
Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 MAY 20
85 JUN 5
85 JUN 17
85 JUL 4
85 JUL 15
85 JUL 31
85 AUG 12
85 AUG 29
85 SEP 9
85 SEP 26
85 OCT 7
85 OCT 24

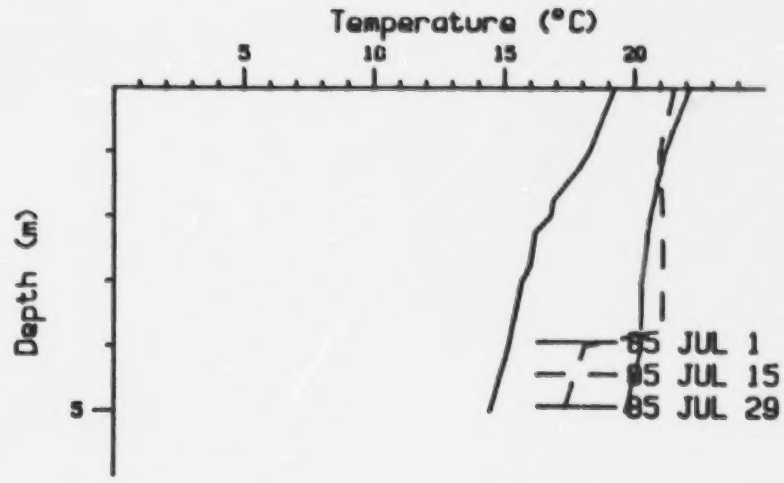

Temperature vs Depth L110
Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 MAY 20
85 JUN 5
85 JUN 17


Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 JUL 4
85 JUL 15
85 JUL 31

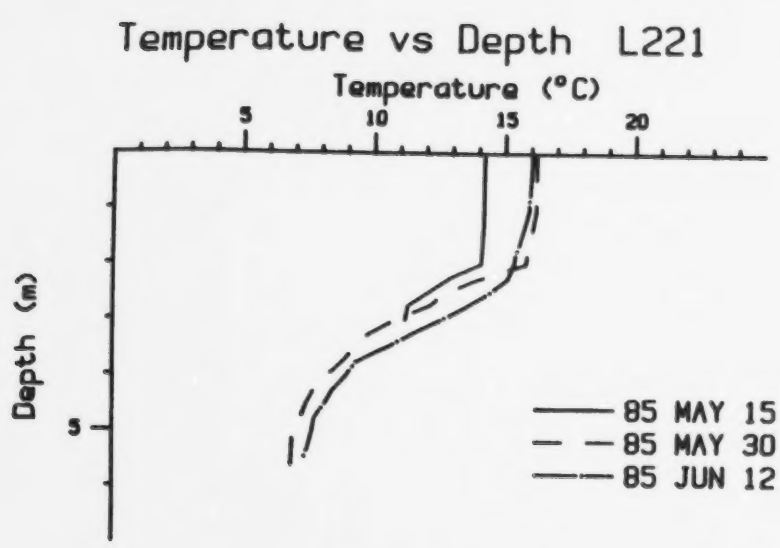

Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 AUG 12
85 AUG 29
85 SEP 9

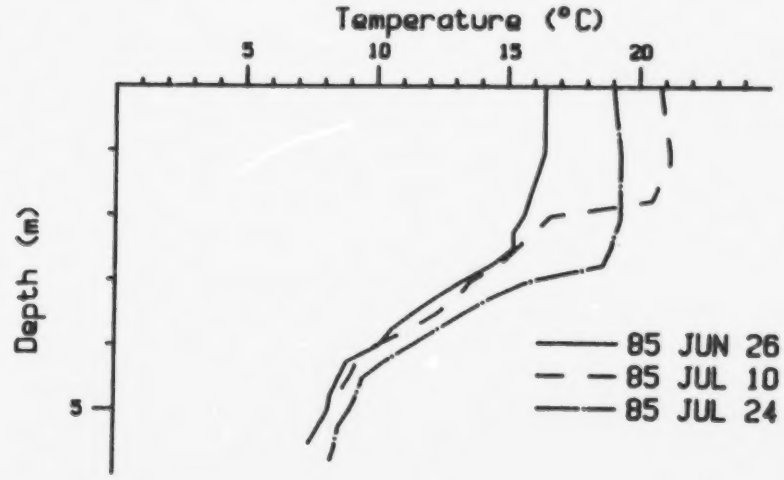

Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 SEP 26
85 OCT 7
85 OCT 24

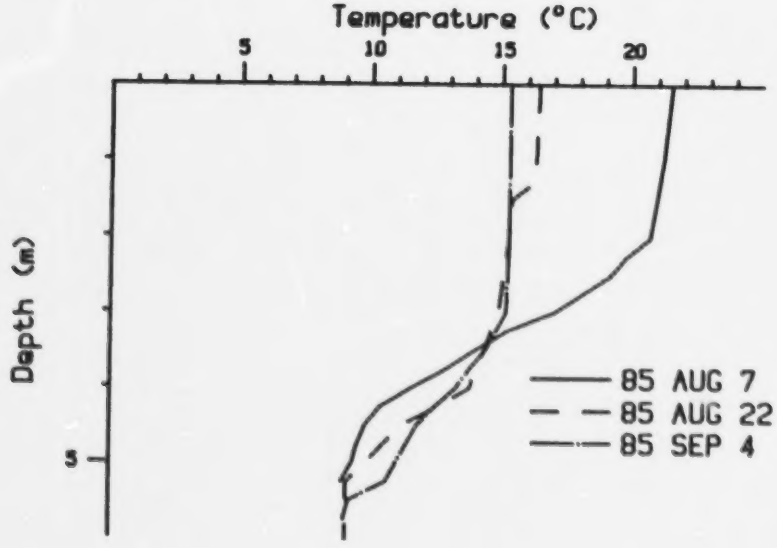

Temperature vs Depth L114
Temperature (°C)
5
10
15
20
Depth (m)
5
85 MAY 20
85 JUN 3
85 JUN 17

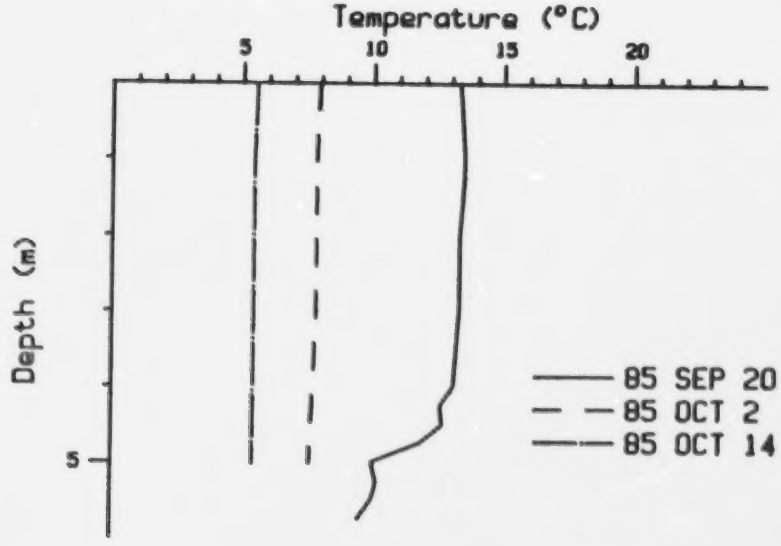

Temperature (°C)
5
10
15
20
Depth (m)
5
85 JUL 1
85 JUL 15
85 JUL 29

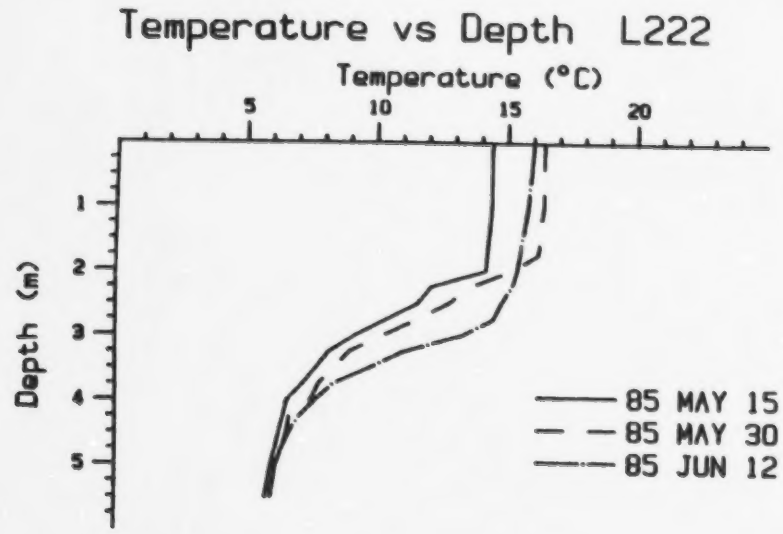
Temperature (°C)
5
10
15
20
Depth (m)
5
85 SEP 23
85 OCT 7
85 OCT 23

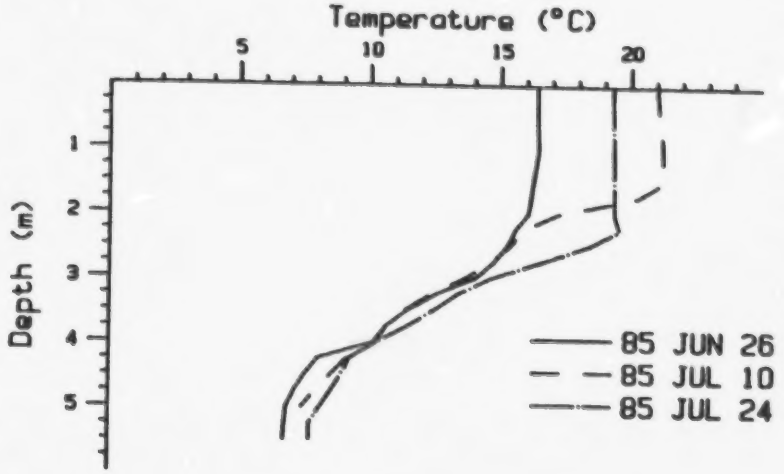

Temperature vs Depth L221
Temperature (°C)
5
10
15
20
Depth (m)
5
85 MAY 15
85 MAY 30
85 JUN 12

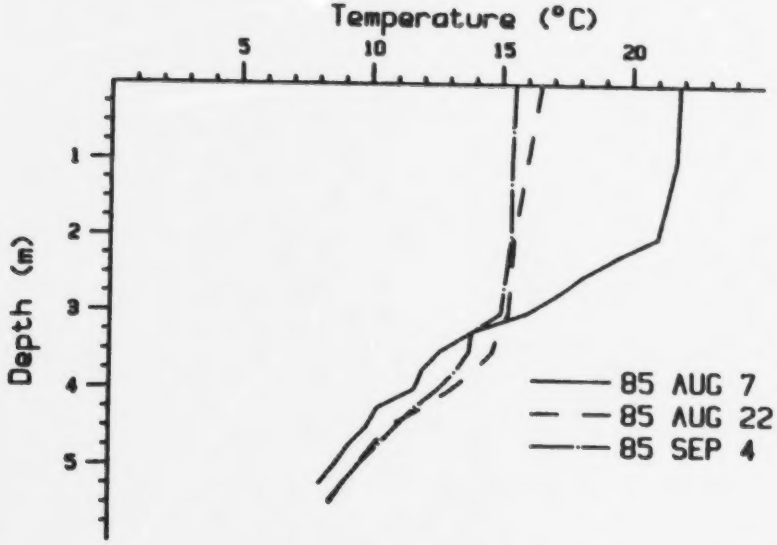

Temperature (°C)
5
10
15
20
Depth (m)
5
85 JUN 26
85 JUL 10
85 JUL 24

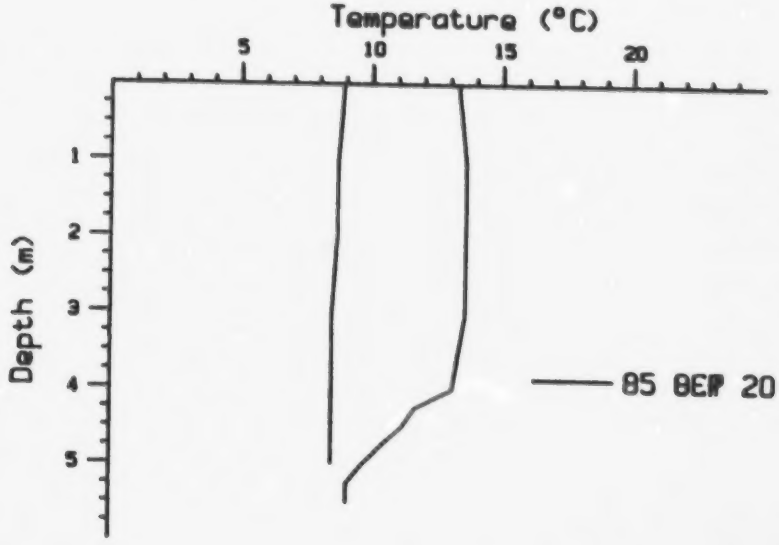

Temperature (°C)
5
10
15
20
Depth (m)
5
85 AUG 7
85 AUG 22
85 SEP 4

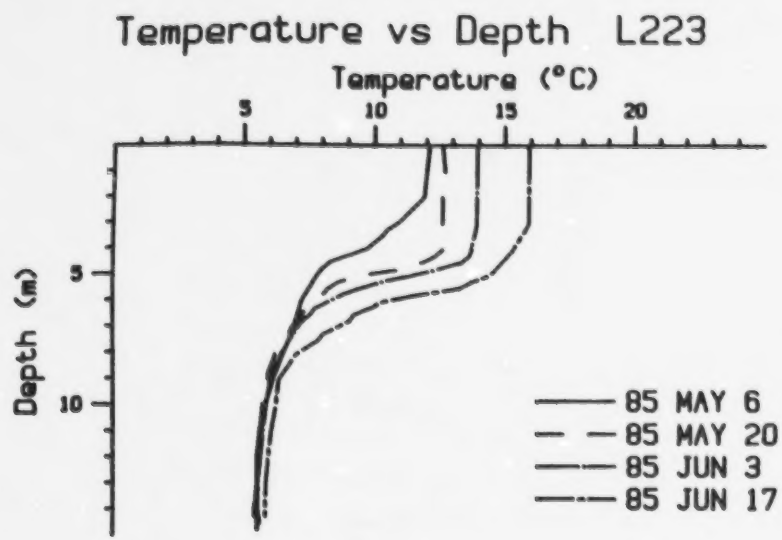

Temperature (°C)
5
10
15
20
Depth (m)
5
85 SEP 20
85 OCT 2
85 OCT 14

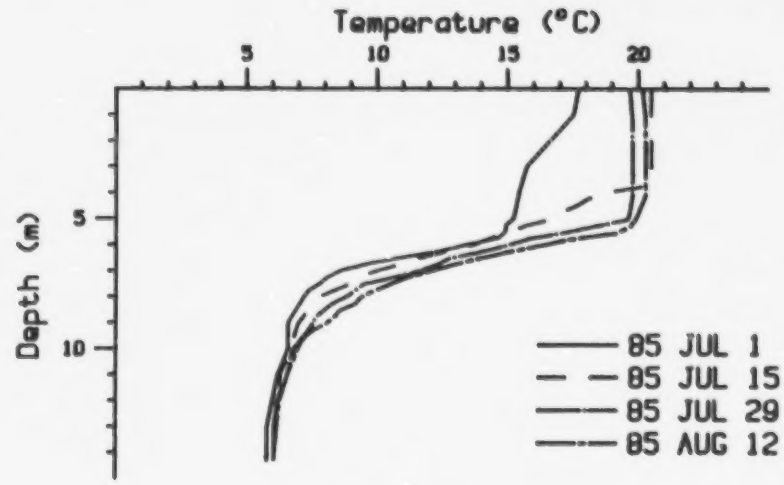

Temperature vs Depth L222
Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
85 MAY 15
85 MAY 30
85 JUN 12

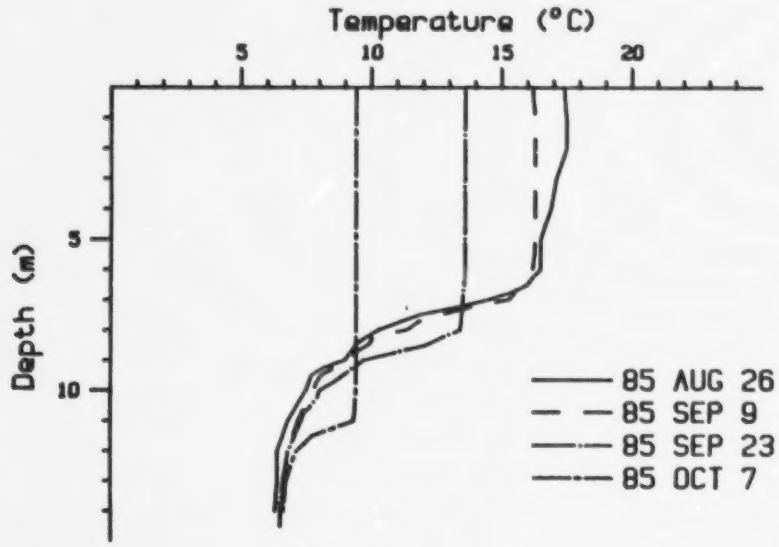

Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
85 JUN 26
85 JUL 10
85 JUL 24

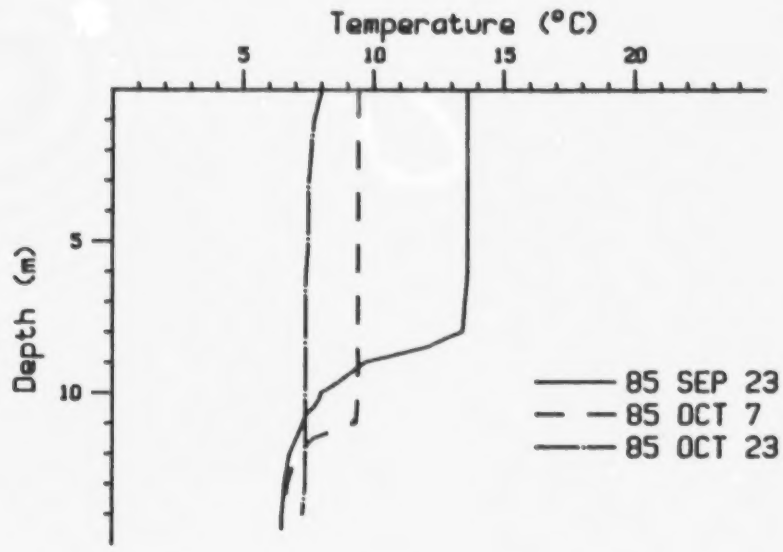

Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
85 AUG 7
85 AUG 22
85 SEP 4

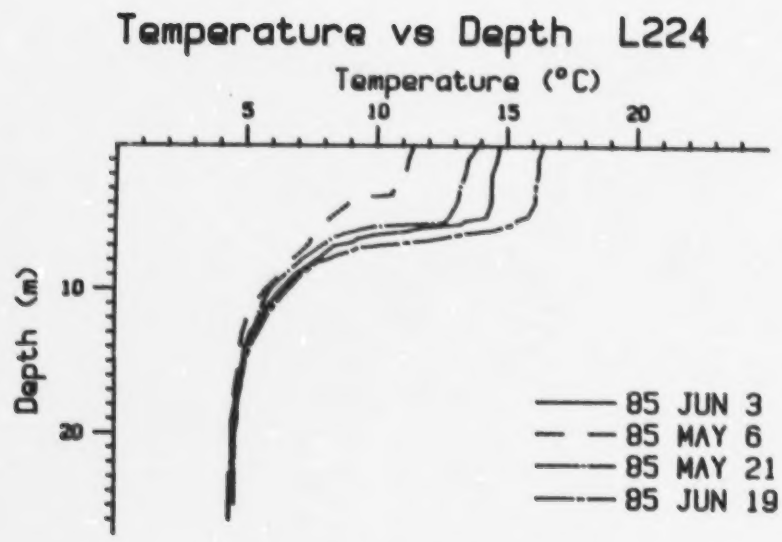

Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
85 SEP 20

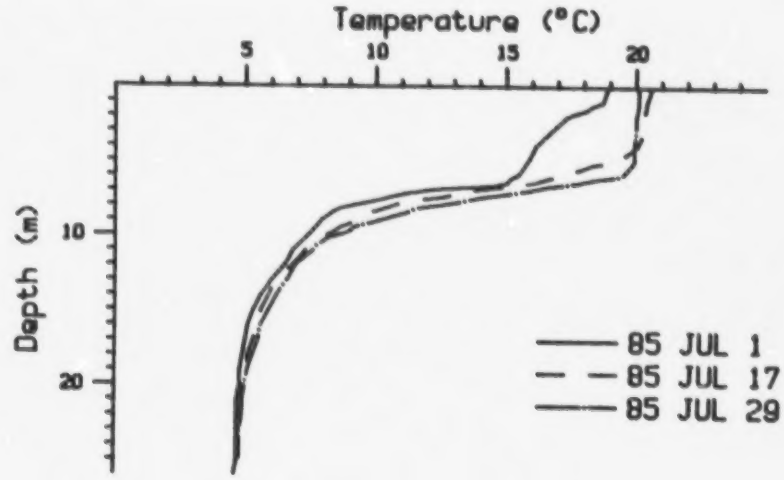

Temperature vs Depth L223
Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 MAY 6
85 MAY 20
85 JUN 3
85 JUN 17

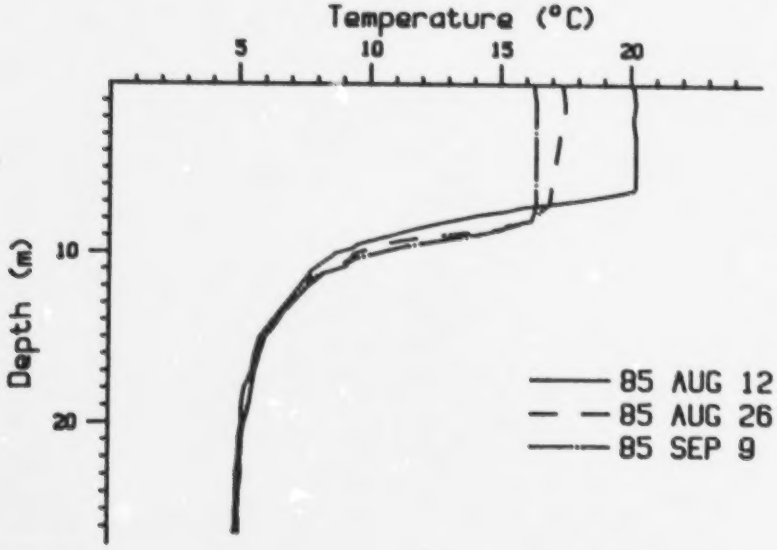

Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 JUL 1
85 JUL 15
85 JUL 29
85 AUG 12

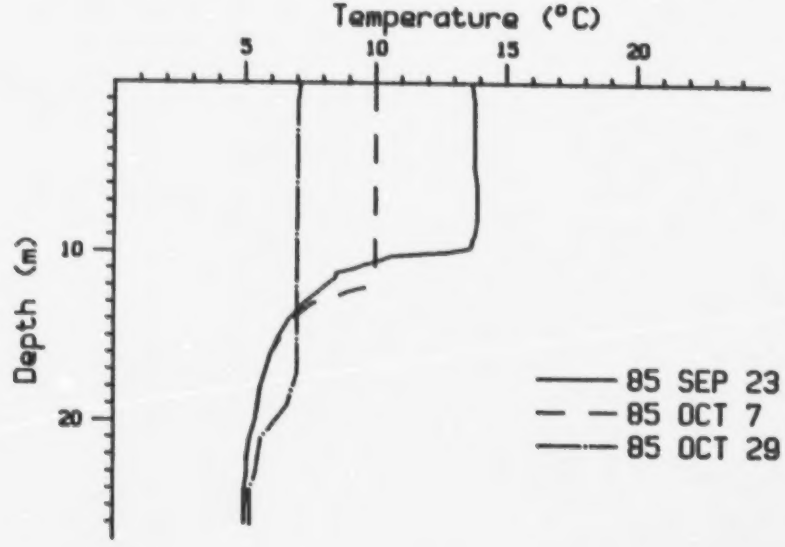

Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 AUG 26
85 SEP 9
85 SEP 23
85 OCT 7

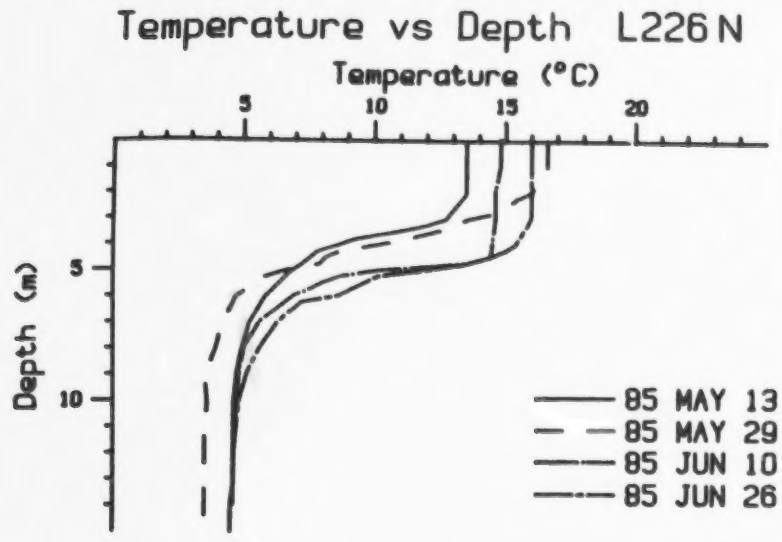

Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 SEP 23
85 OCT 7
85 OCT 23

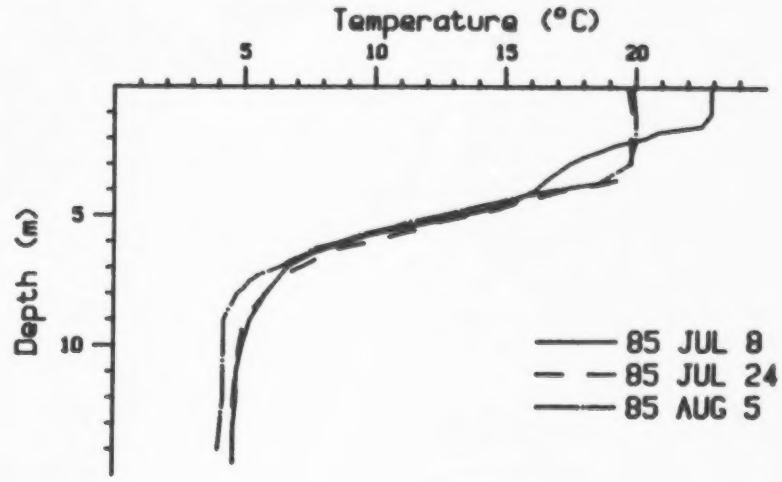

Temperature vs Depth L224
Temperature (°C)
5
10
15
20
Depth (m)
10
20
85 JUN 3
85 MAY 6
85 MAY 21
85 JUN 19

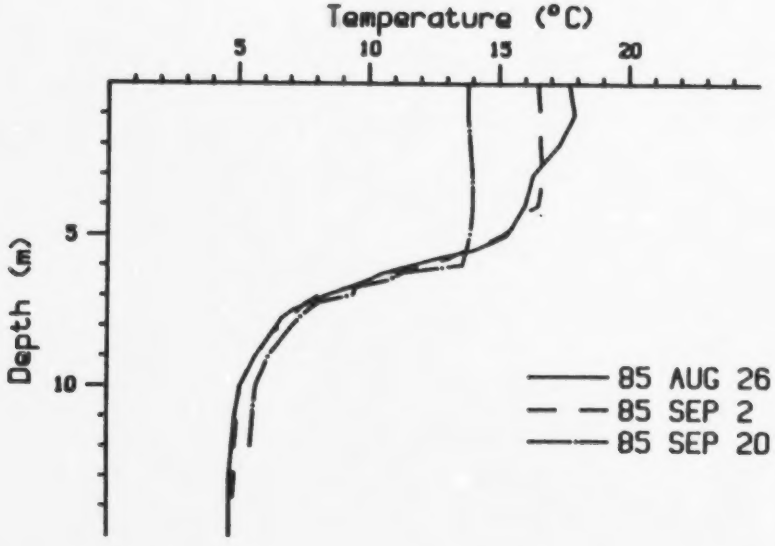

Temperature (°C)
5
10
15
20
Depth (m)
10
20
85 JUL 1
85 JUL 17
85 JUL 29

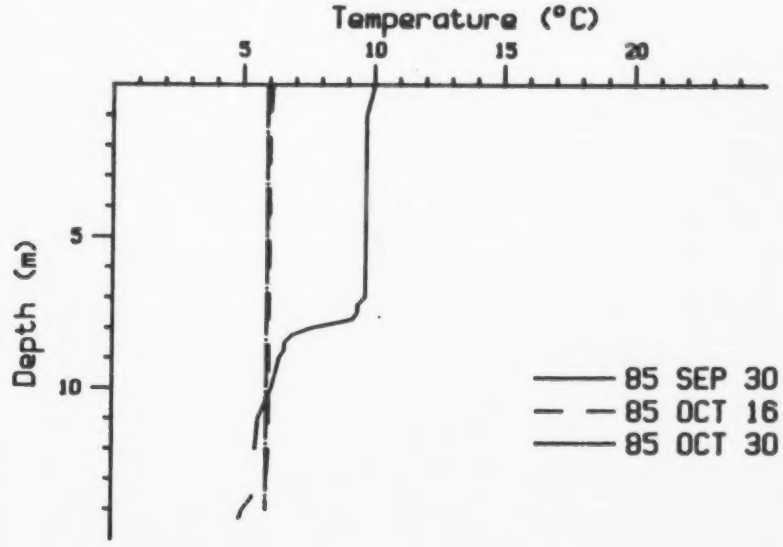

Temperature (°C)
5
10
15
20
Depth (m)
10
20
85 AUG 12
85 AUG 26
85 SEP 9

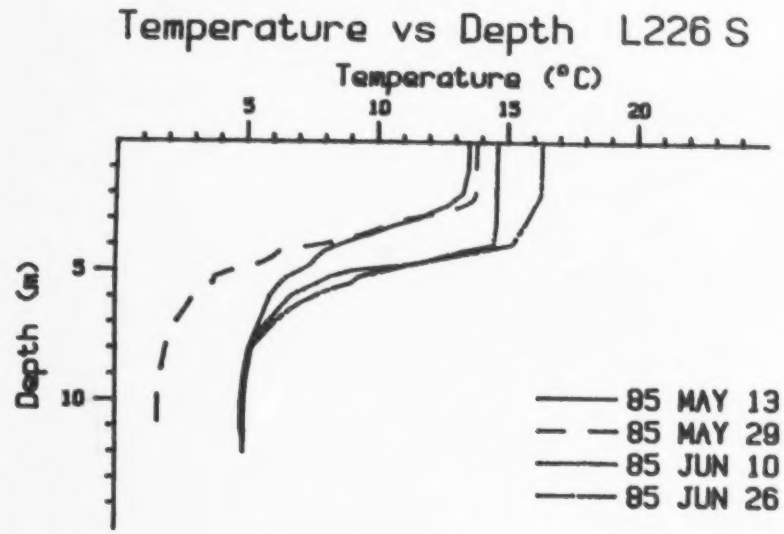

Temperature (°C)
5
10
15
20
Depth (m)
10
20
85 SEP 23
85 OCT 7
85 OCT 29

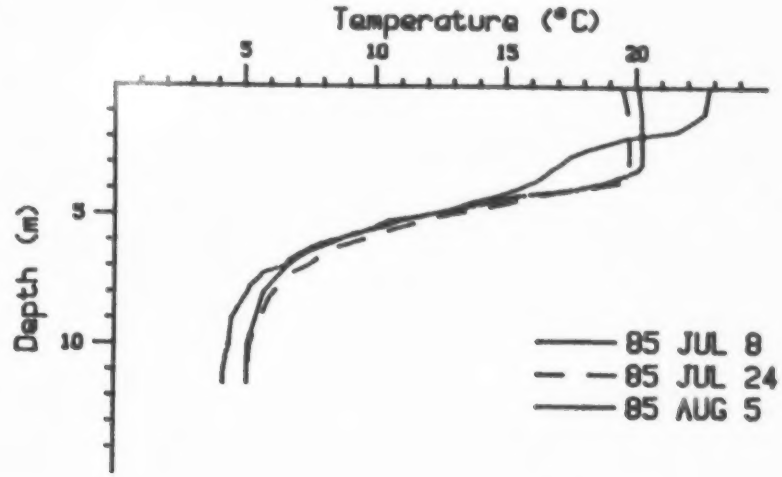

Temperature vs Depth L226N
Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 MAY 13
85 MAY 29
85 JUN 10
85 JUN 26

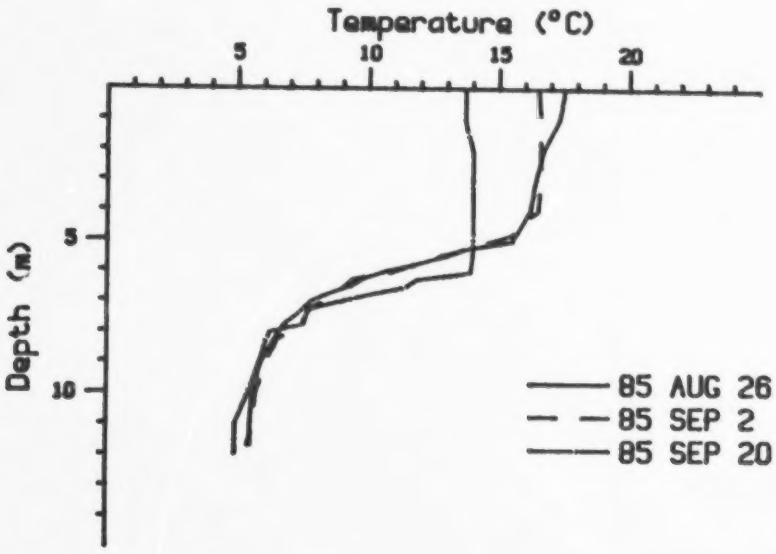

Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 JUL 8
85 JUL 24
85 AUG 5

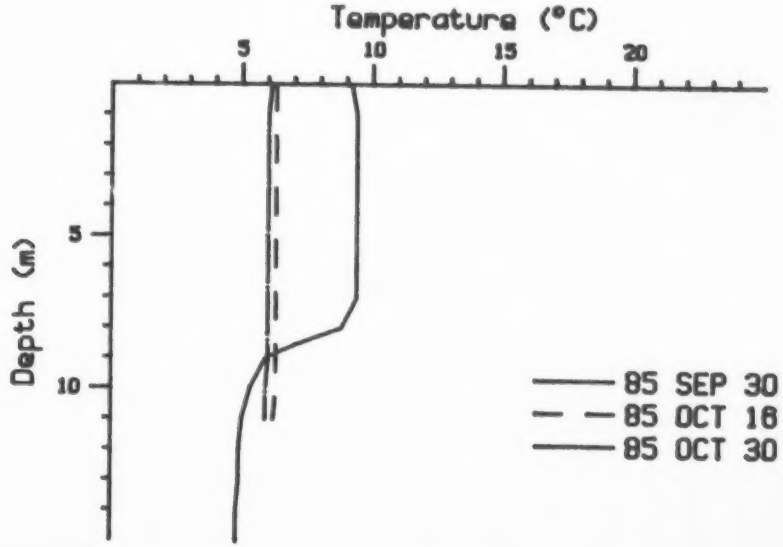

Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 AUG 26
85 SEP 2
85 SEP 20

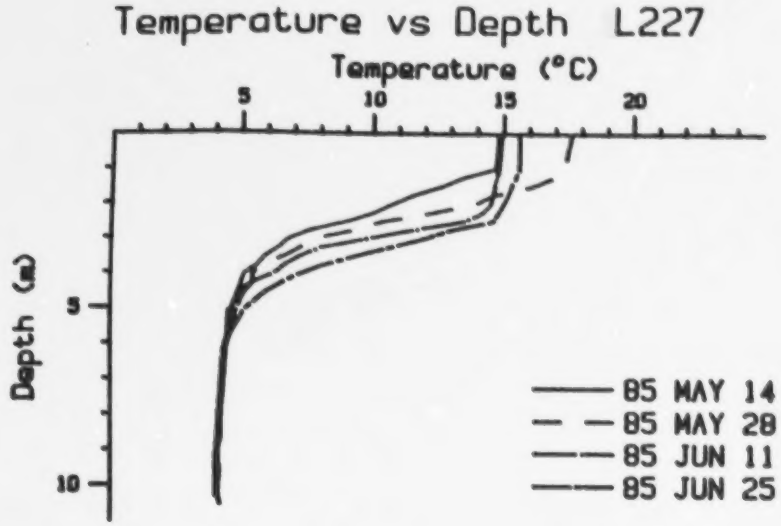

Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 SEP 30
85 OCT 16
85 OCT 30

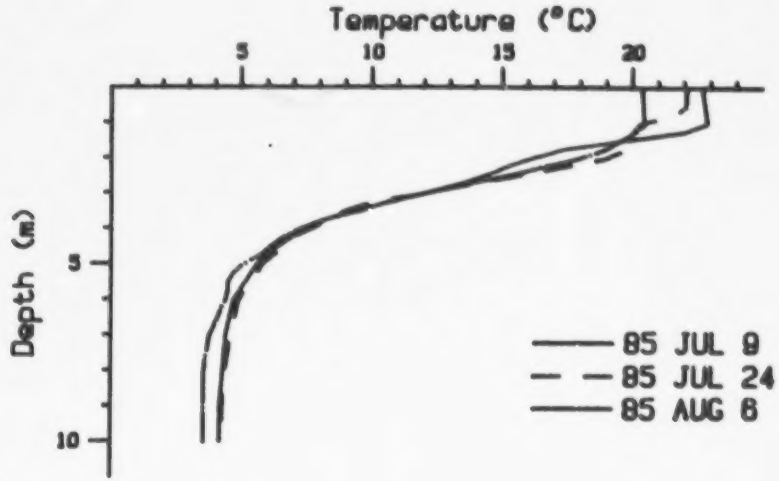

Temperature vs Depth L226 S
Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 MAY 13
85 MAY 29
85 JUN 10
85 JUN 26

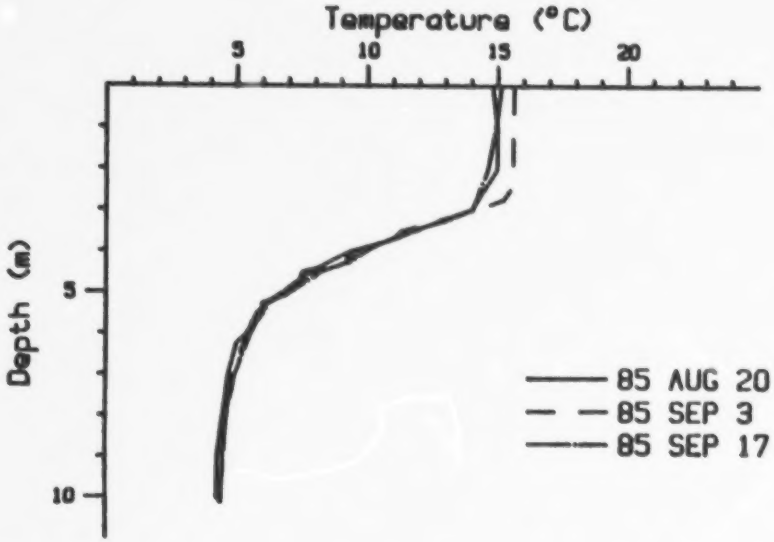

Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 JUL 8
85 JUL 24
85 AUG 5

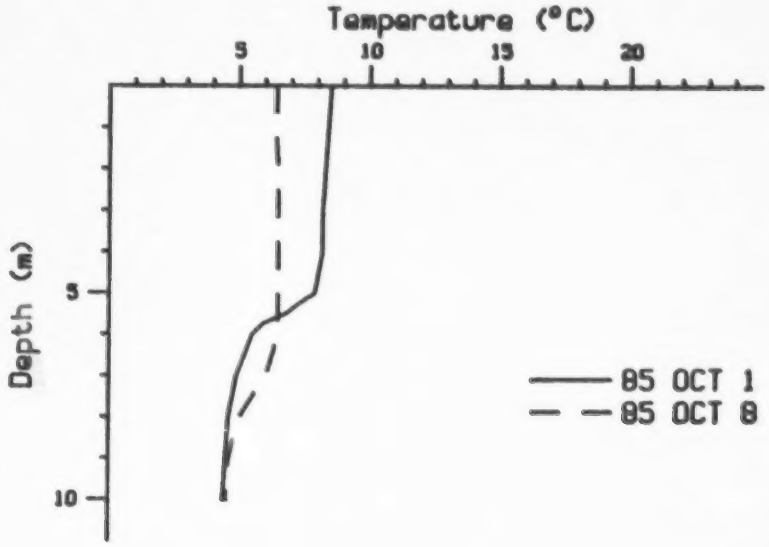

Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 AUG 26
85 SEP 2
85 SEP 20

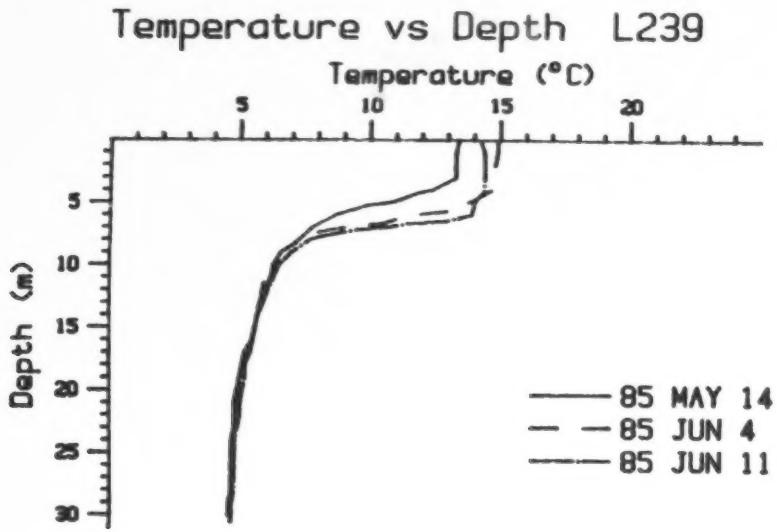

Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 SEP 30
85 OCT 16
85 OCT 30

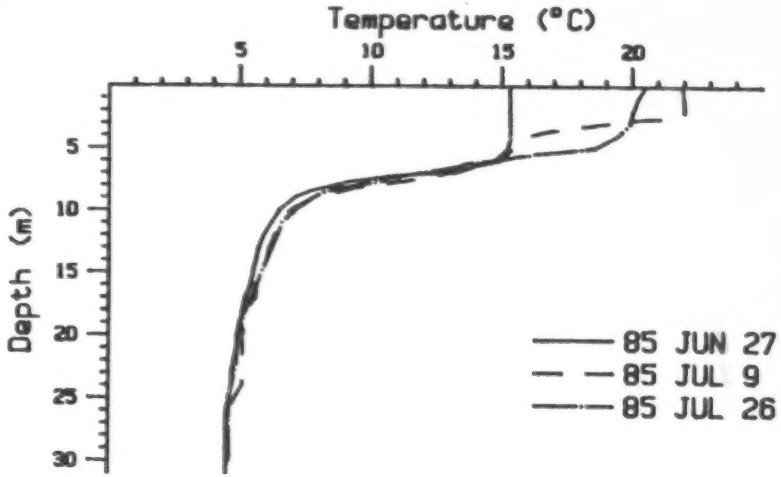

Temperature vs Depth L227
Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 MAY 14
85 MAY 28
85 JUN 11
85 JUN 25

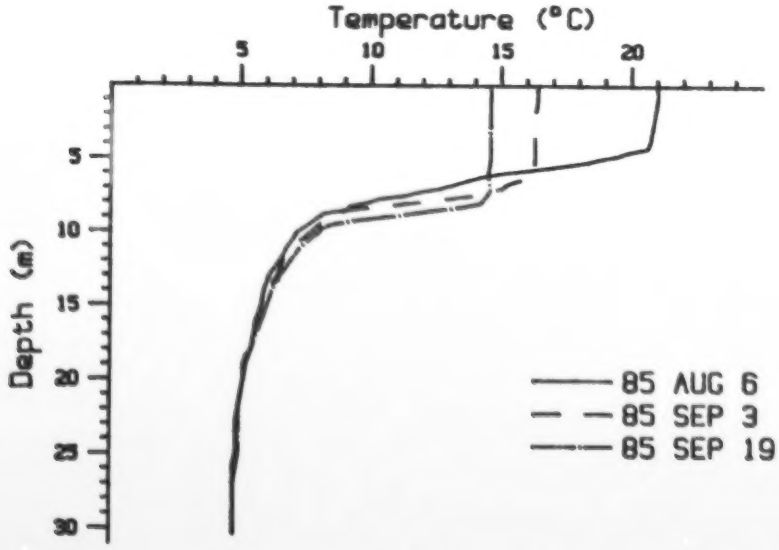

Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 JUL 9
85 JUL 24
85 AUG 6

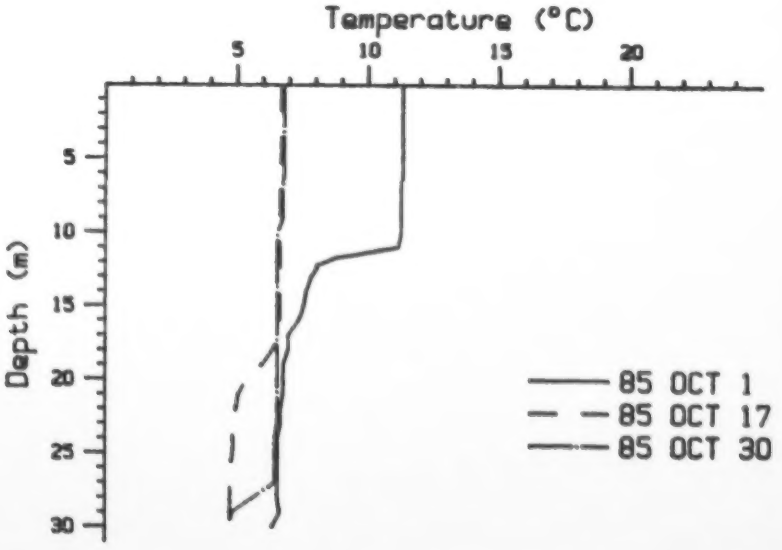

Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 AUG 20
85 SEP 3
85 SEP 17

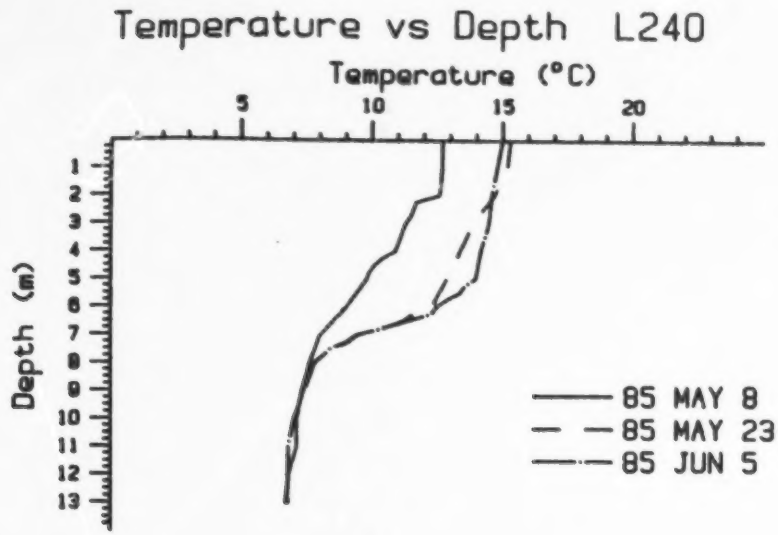

Temperature (°C)
5
10
15
20
Depth (m)
5
10
85 OCT 1
85 OCT 8

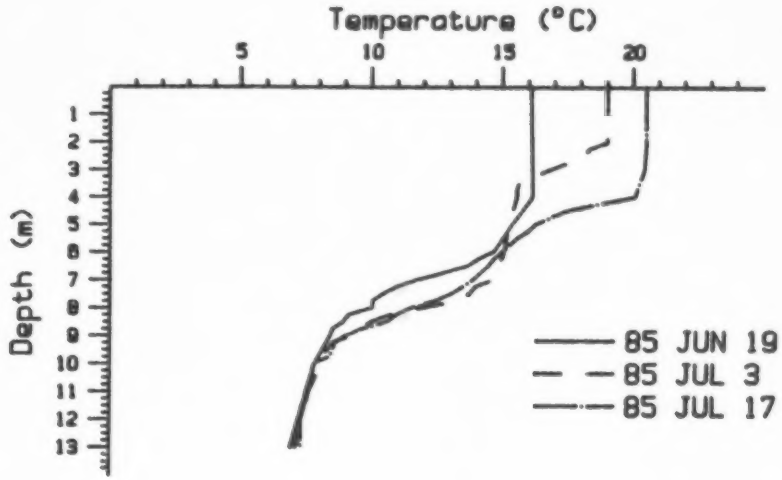

Temperature vs Depth L239
Temperature (°C)
5
10
15
20
Depth (m)
5
10
15
20
25
30
85 MAY 14
85 JUN 4
85 JUN 11

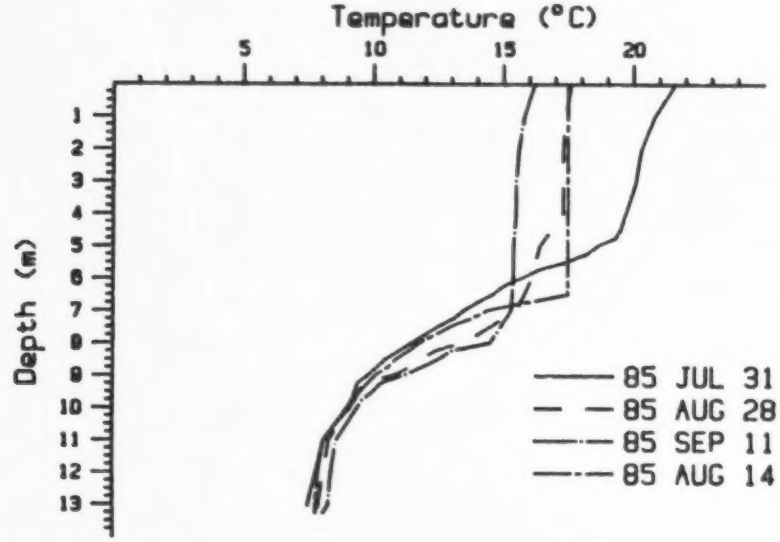

Temperature (°C)
5
10
15
20
Depth (m)
5
10
15
20
25
30
85 JUN 27
85 JUL 9
85 JUL 26

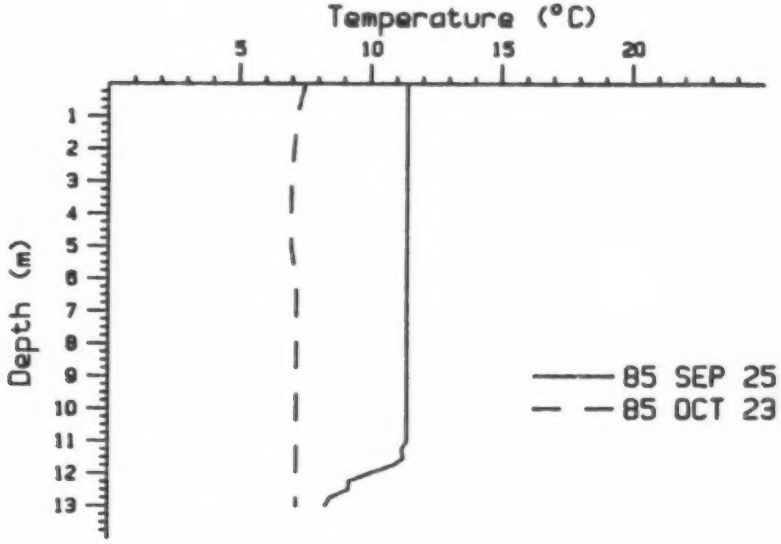

Temperature (°C)
5
10
15
20
Depth (m)
5
10
15
20
25
30
85 AUG 6
85 SEP 3
85 SEP 19

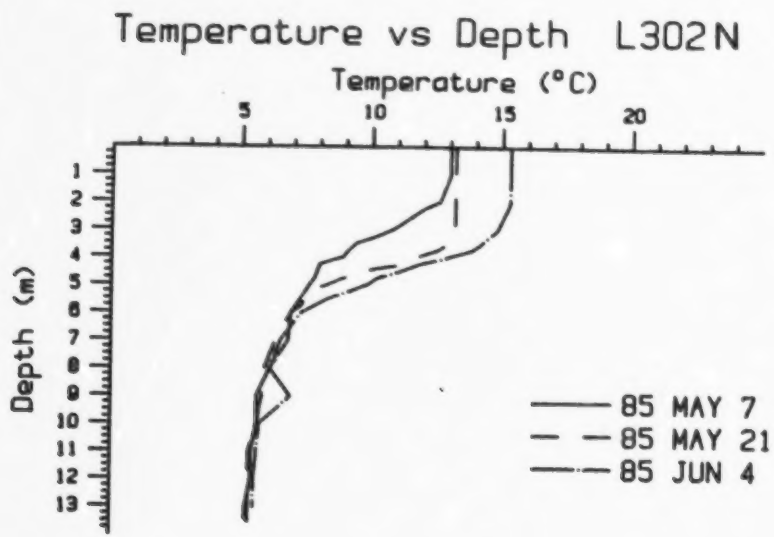

Temperature (°C)
5
10
15
20
Depth (m)
5
10
15
20
25
30
85 OCT 1
85 OCT 17
85 OCT 30

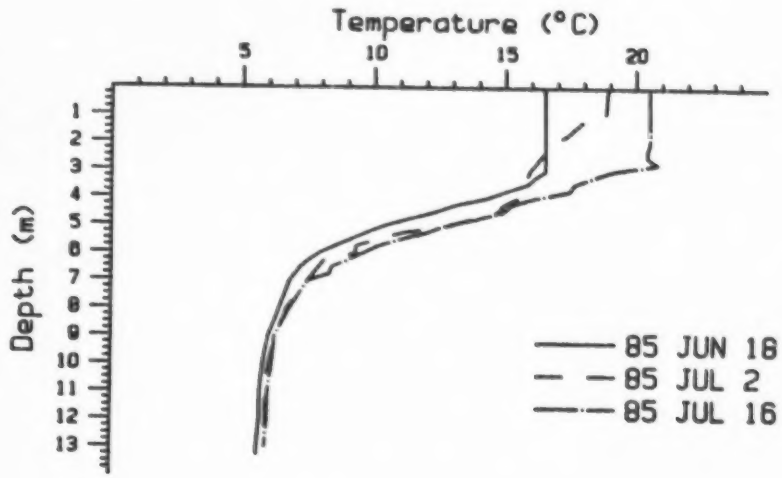

Temperature vs Depth L240
Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
6
7
8
9
10
11
12
13
85 MAY 8
85 MAY 23
85 JUN 5

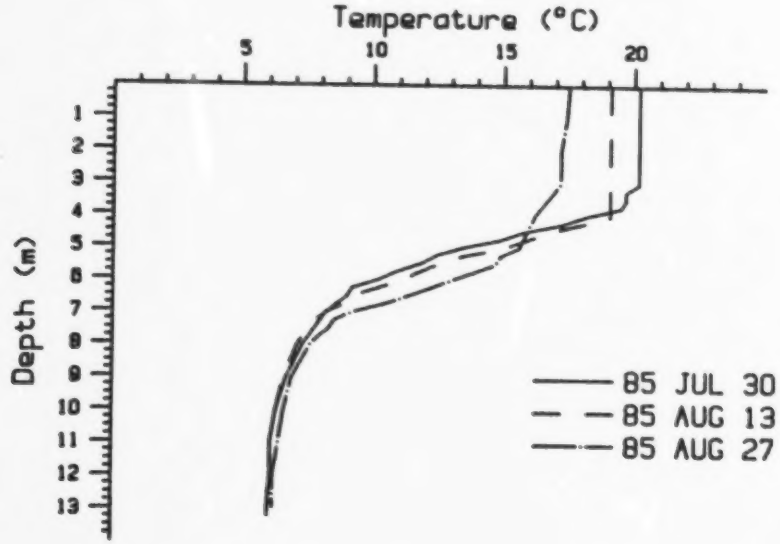

Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
6
7
8
9
10
11
12
13
85 JUN 19
85 JUL 3
85 JUL 17

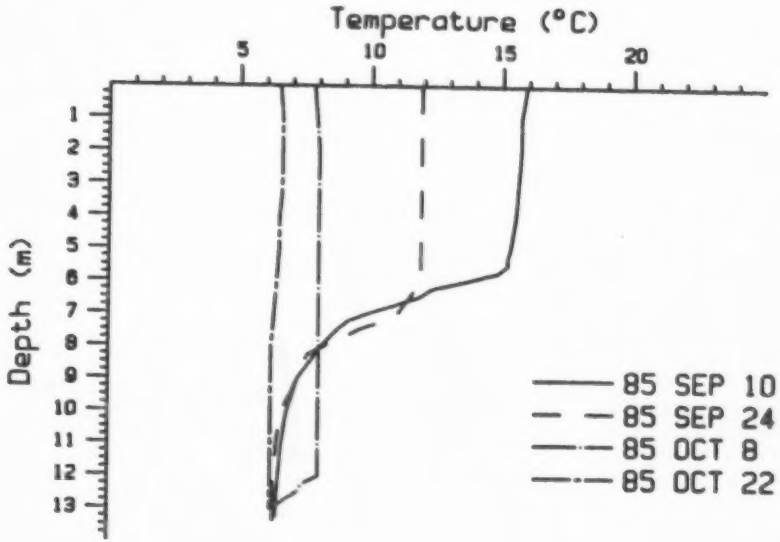

Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
6
7
8
9
10
11
12
13
85 JUL 31
85 AUG 28
85 SEP 11
85 AUG 14

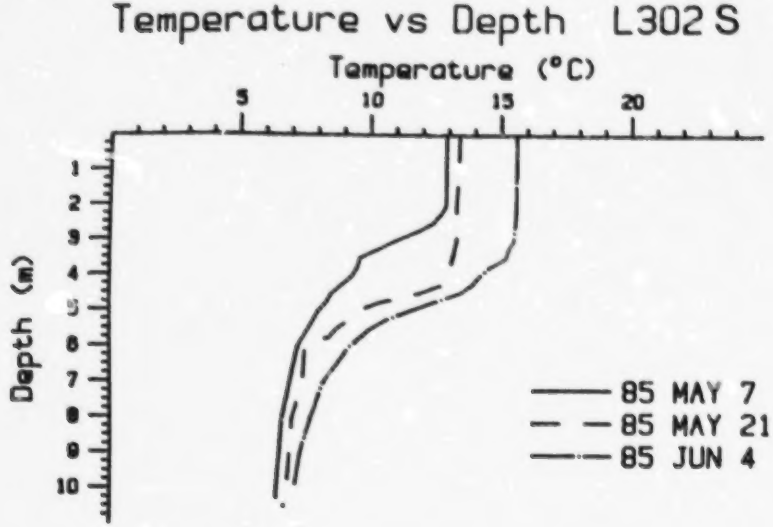

Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
6
7
8
9
10
11
12
13
85 SEP 25
85 OCT 23

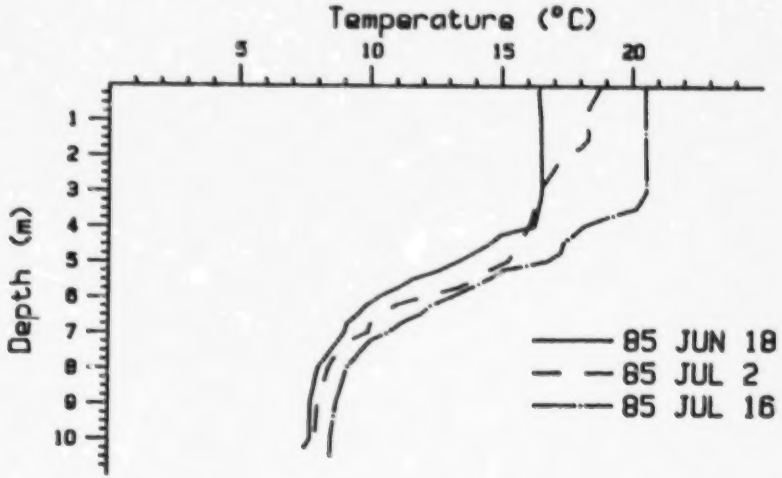

Temperature vs Depth L302N
Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
6
7
8
9
10
11
12
13
85 MAY 7
85 MAY 21
85 JUN 4

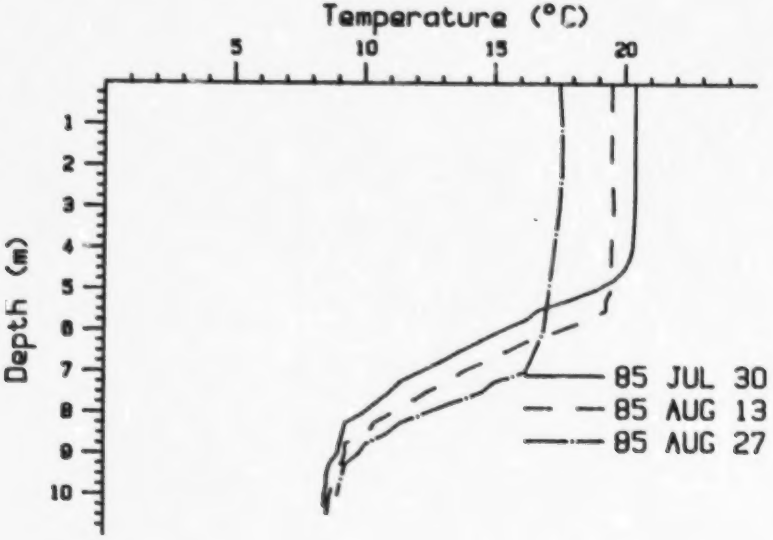

Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
6
7
8
9
10
11
12
13
85 JUN 18
85 JUL 2
85 JUL 16

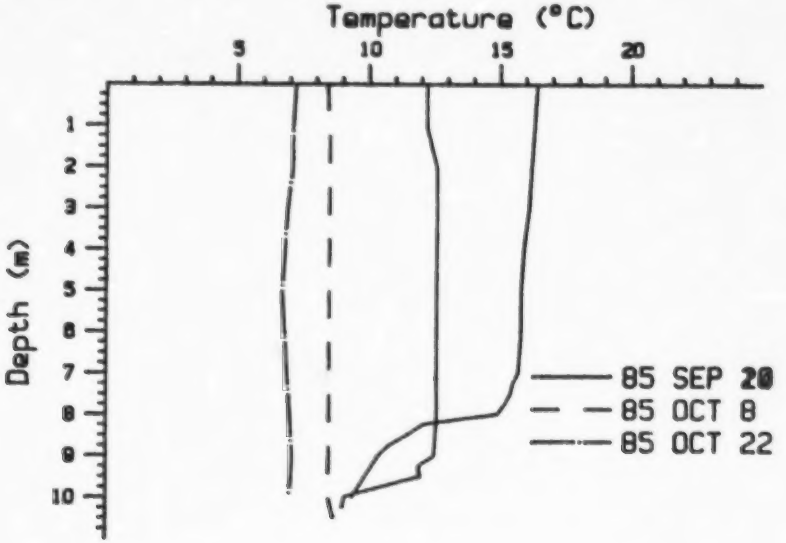

Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
6
7
8
9
10
11
12
13
85 JUL 30
85 AUG 13
85 AUG 27

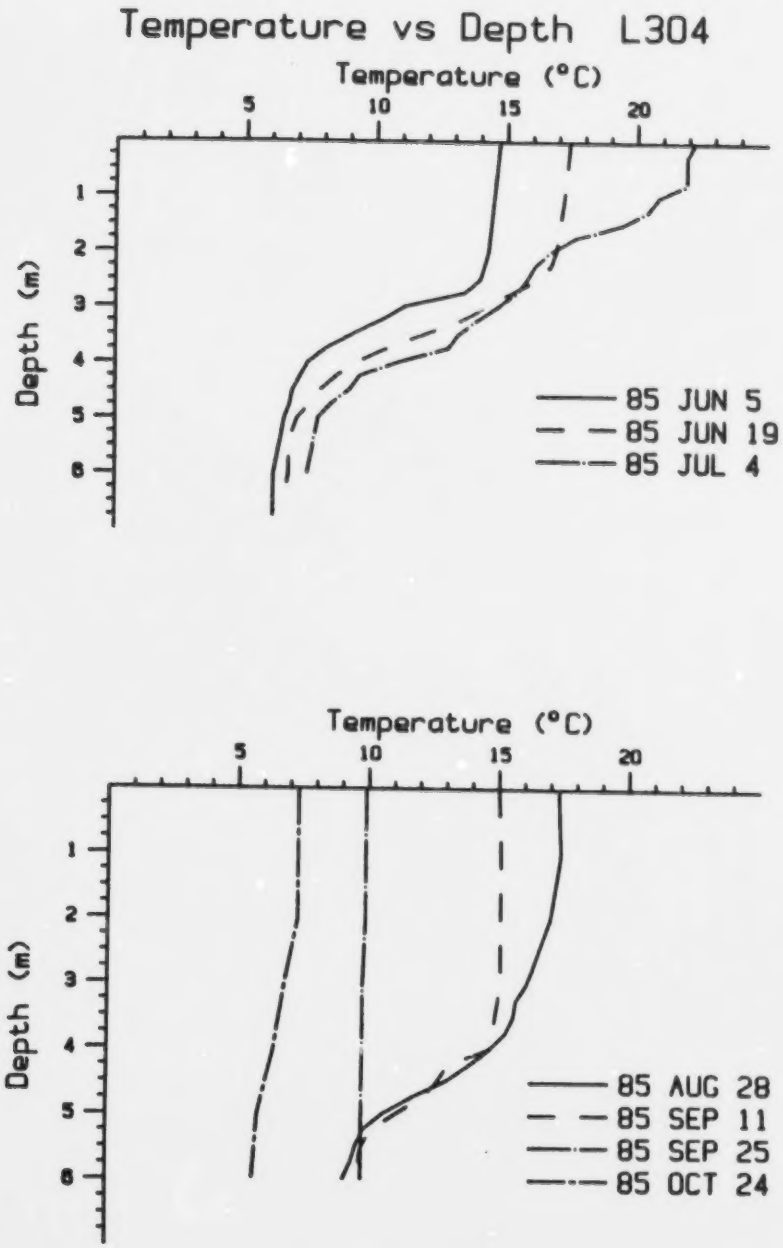

Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
6
7
8
9
10
11
12
13
85 SEP 10
85 SEP 24
85 OCT 8
85 OCT 22

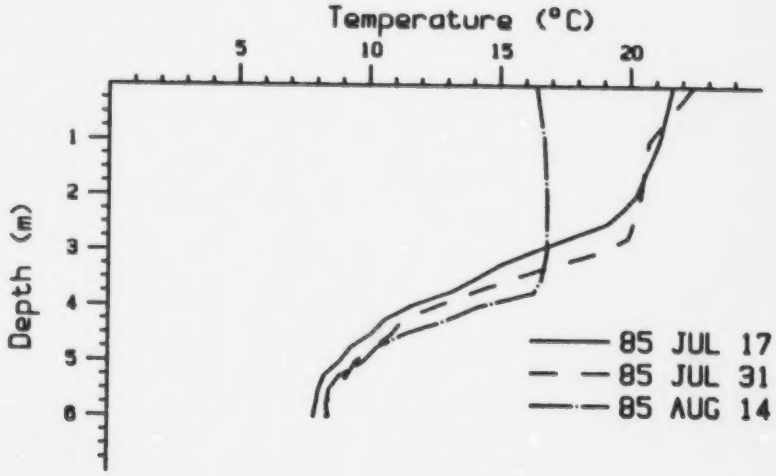

Temperature vs Depth L302 S
Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
6
7
8
9
10
85 MAY 7
85 MAY 21
85 JUN 4

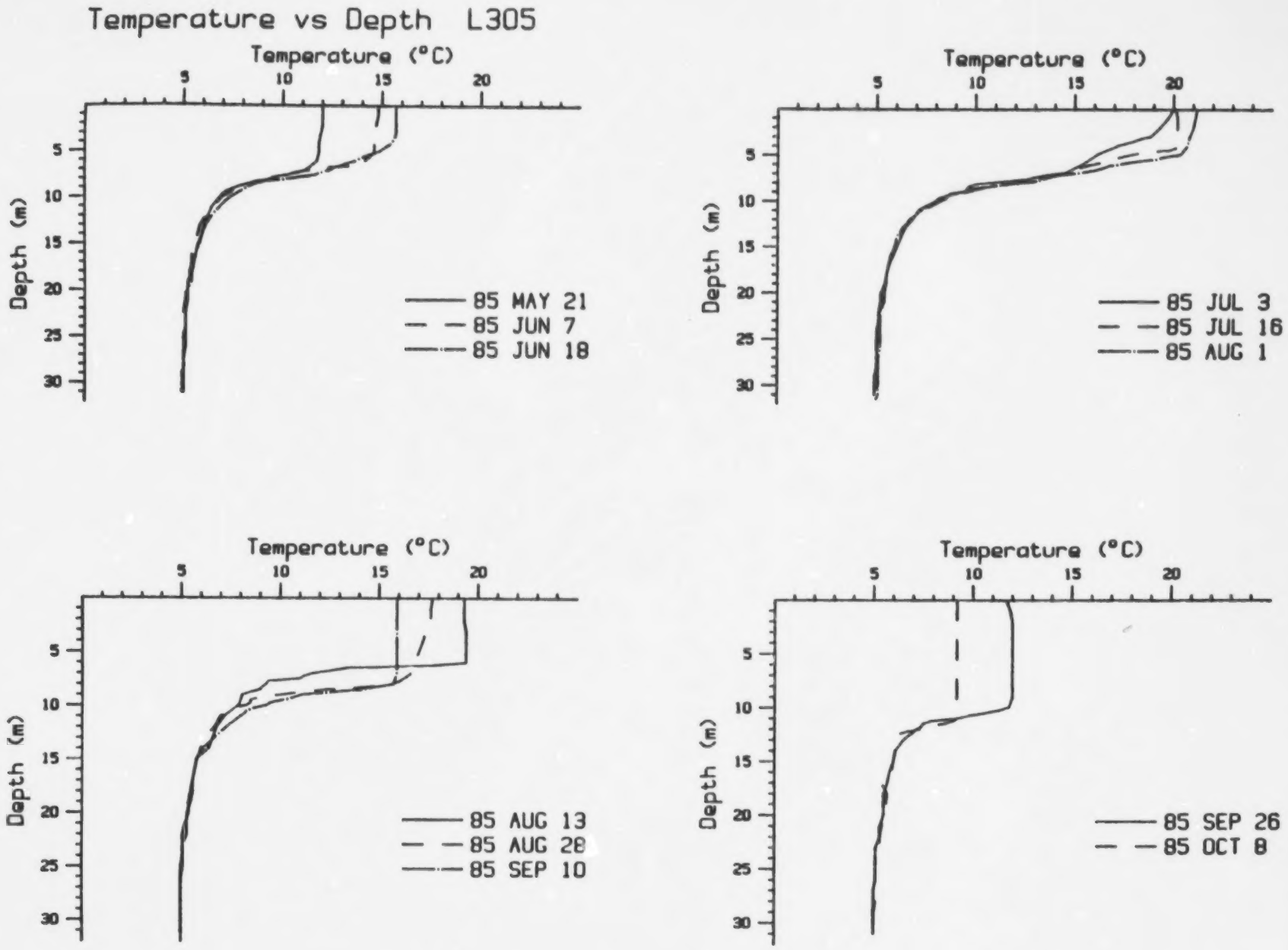

Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
6
7
8
9
10
85 JUN 18
85 JUL 2
85 JUL 16

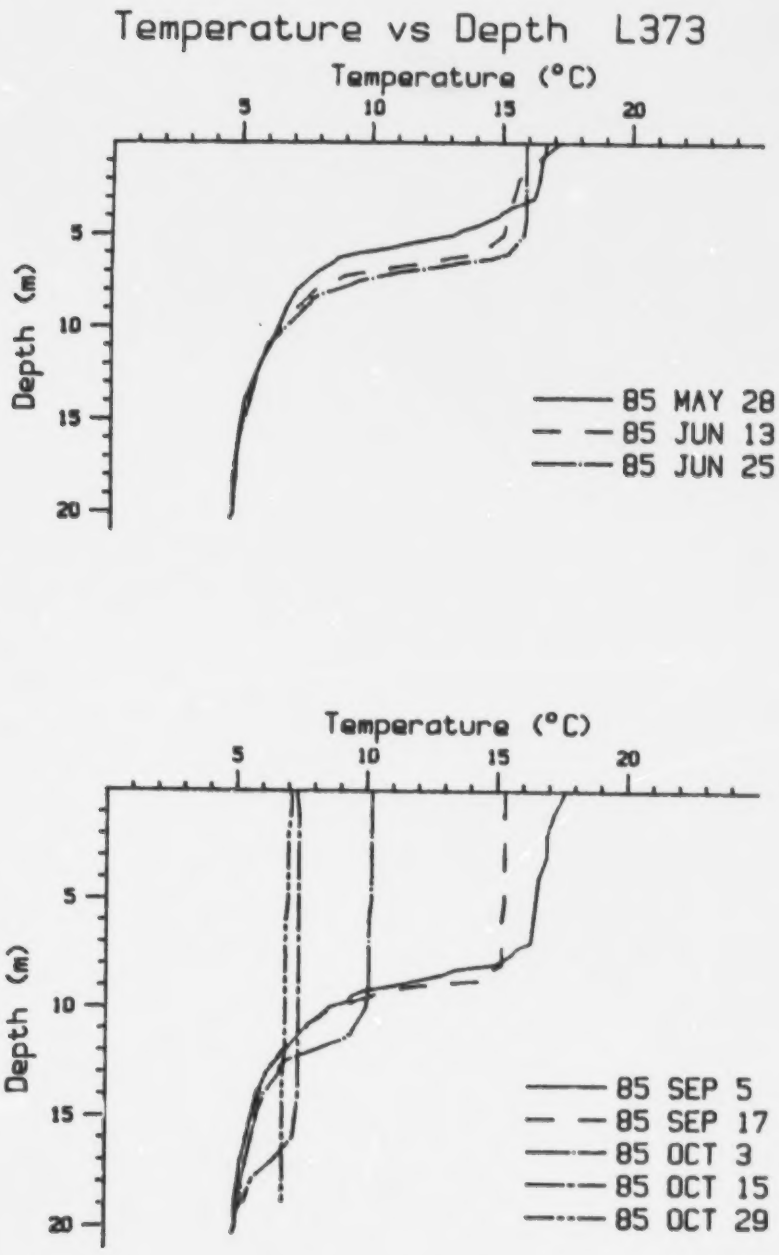

Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
6
7
8
9
10
85 JUL 30
85 AUG 13
85 AUG 27

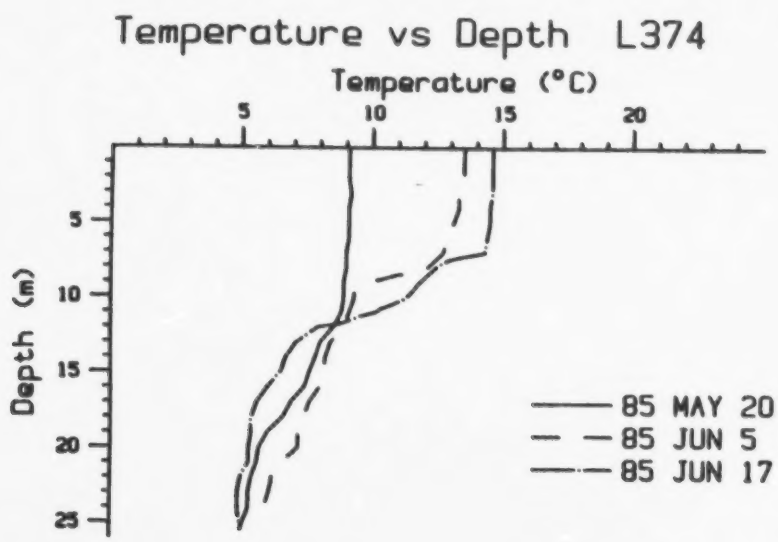

Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
6
7
8
9
10
85 SEP 20
85 OCT 8
85 OCT 22

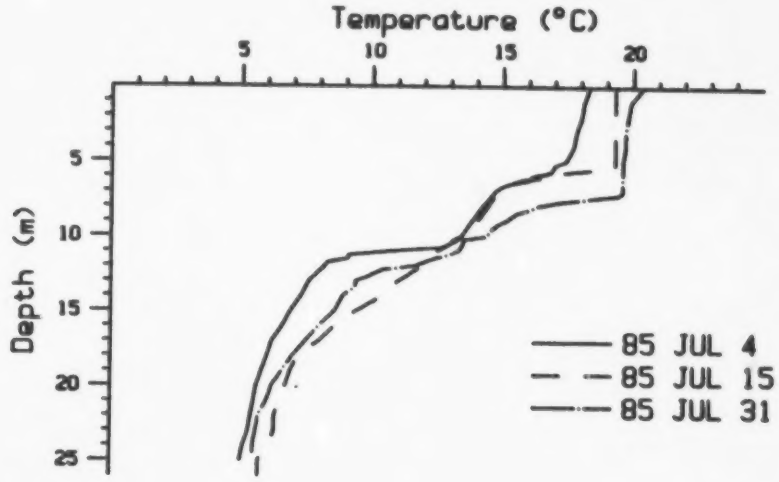

Temperature vs Depth L304
Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
6
85 JUN 5
85 JUN 19
85 JUL 4
85 AUG 28
85 SEP 11
85 SEP 25
85 OCT 24

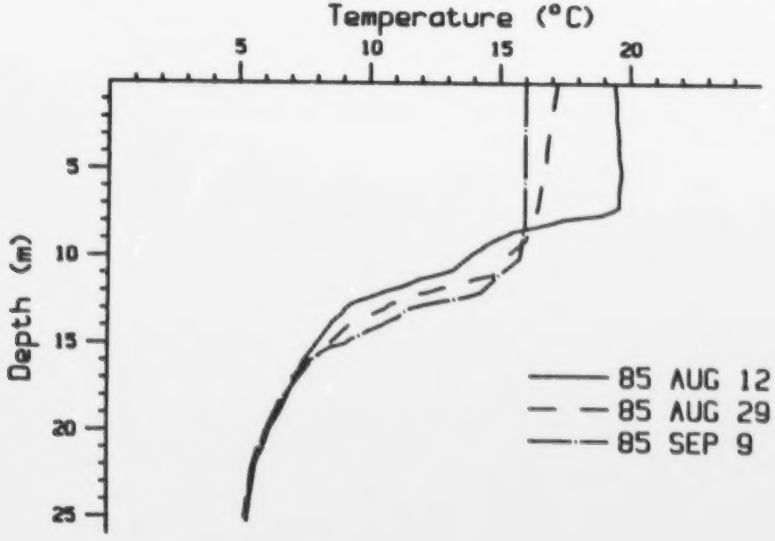

Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
6
85 JUL 17
85 JUL 31
85 AUG 14

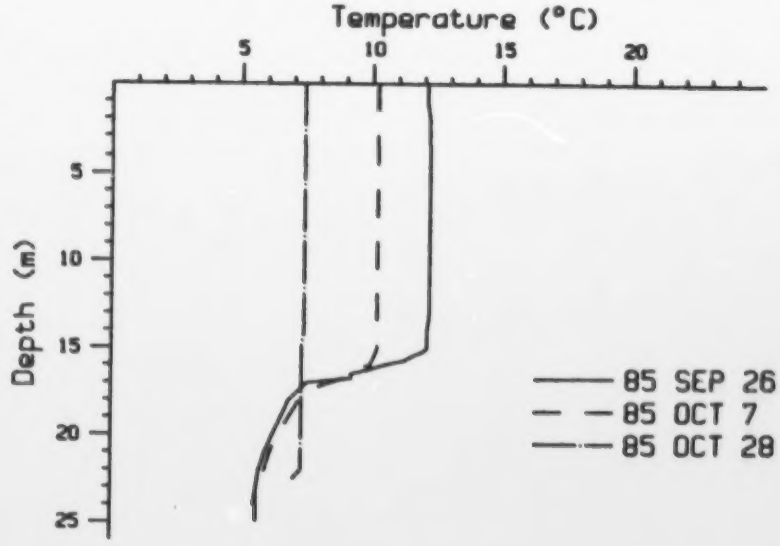

Temperature vs Depth L305
Temperature (°C)
5
10
15
20
Depth (m)
5
10
15
20
25
30
85 MAY 21
85 JUN 7
85 JUN 18
Temperature (°C)
5
10
15
20
Depth (m)
5
10
15
20
25
30
85 JUL 3
85 JUL 16
85 AUG 1
Temperature (°C)
5
10
15
20
Depth (m)
5
10
15
20
25
30
85 AUG 13
85 AUG 28
85 SEP 10
Temperature (°C)
5
10
15
20
Depth (m)
5
10
15
20
25
30
85 SEP 26
85 OCT 8

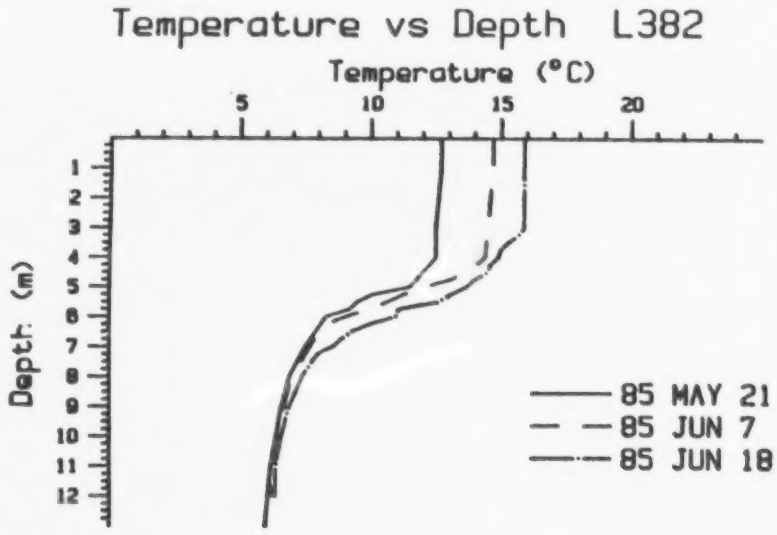

Temperature vs Depth L373
Temperature (°C)
5
10
15
20
Depth (m)
5
10
15
20
85 MAY 28
85 JUN 13
85 JUN 25
85 JUL 10
85 JUL 25
85 AUG 7
85 AUG 20
85 SEP 5
85 SEP 17
85 OCT 3
85 OCT 15
85 OCT 29

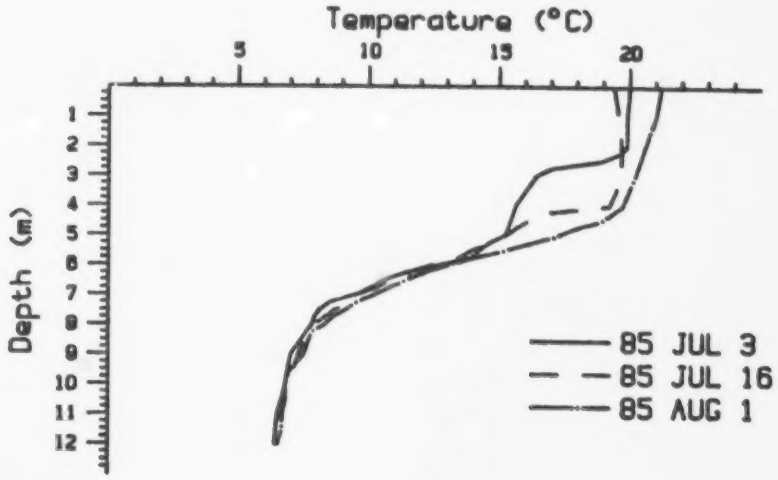

Temperature vs Depth L374
Temperature (°C)
5
10
15
20
Depth (m)
5
10
15
20
25
85 MAY 20
85 JUN 5
85 JUN 17

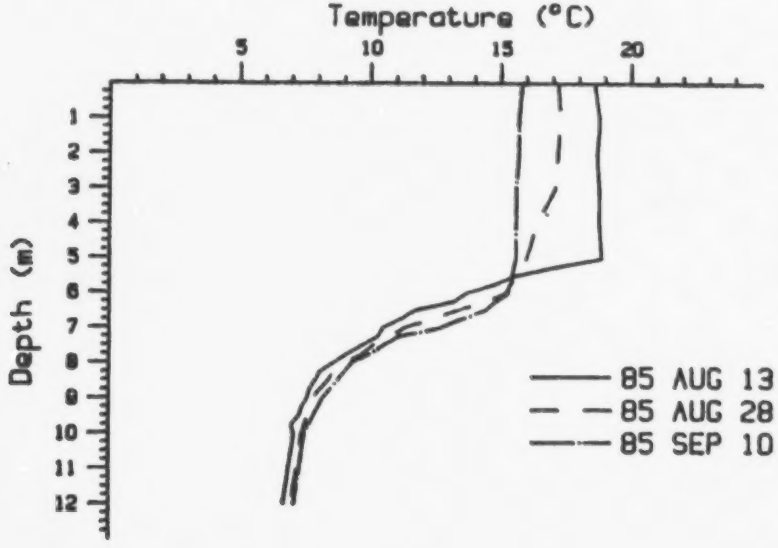

Temperature (°C)
5
10
15
20
Depth (m)
5
10
15
20
25
85 JUL 4
85 JUL 15
85 JUL 31

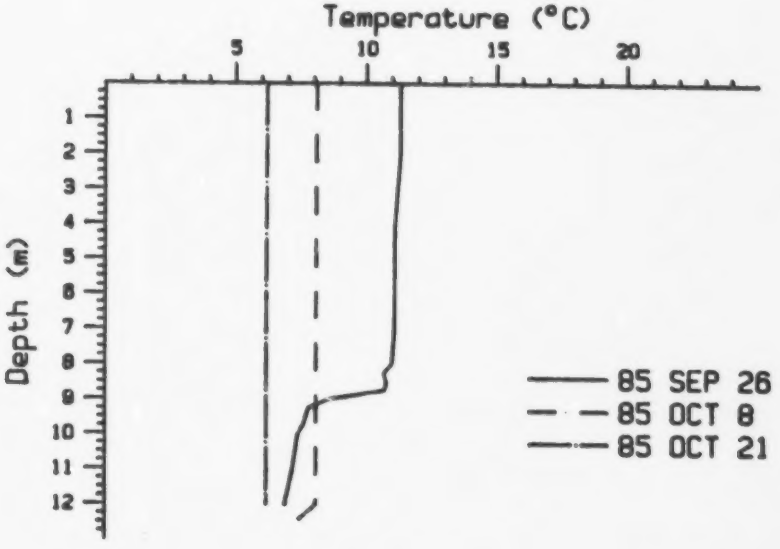

Temperature (°C)
5
10
15
20
Depth (m)
5
10
15
20
25
85 AUG 12
85 AUG 29
85 SEP 9

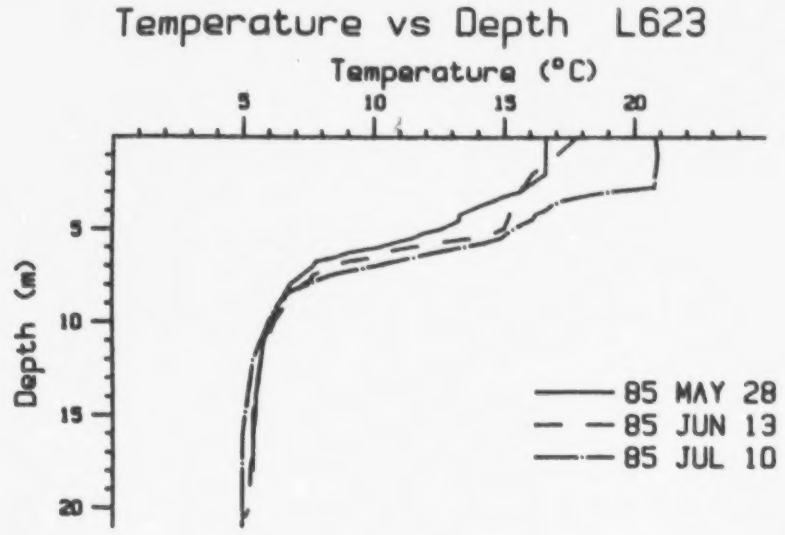

Temperature (°C)
5
10
15
20
Depth (m)
5
10
15
20
25
85 SEP 26
85 OCT 7
85 OCT 28

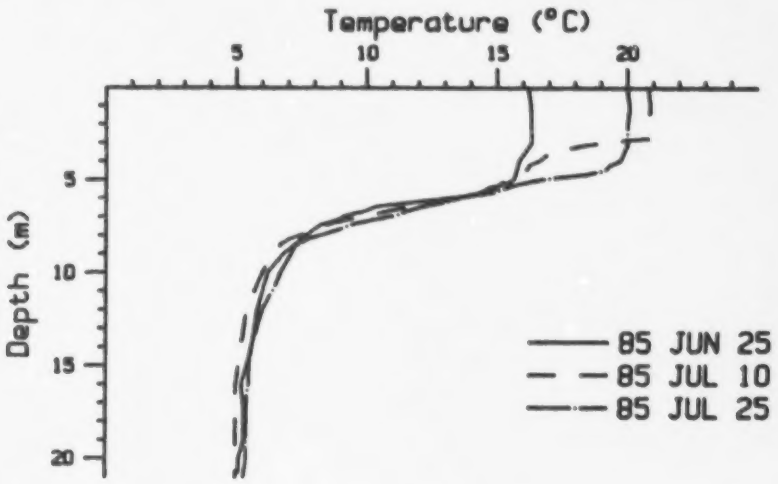

Temperature vs Depth L382
Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
6
7
8
9
10
11
12
85 MAY 21
85 JUN 7
85 JUN 18

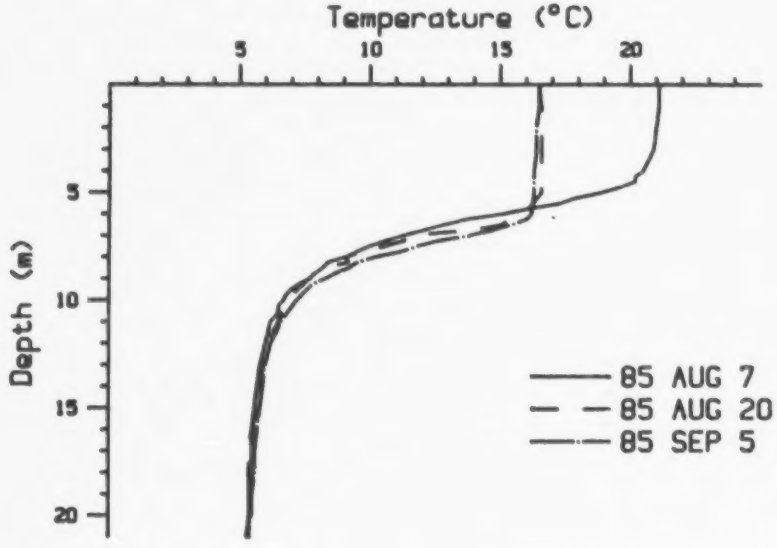

Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
6
7
8
9
10
11
12
85 JUL 3
85 JUL 16
85 AUG 1

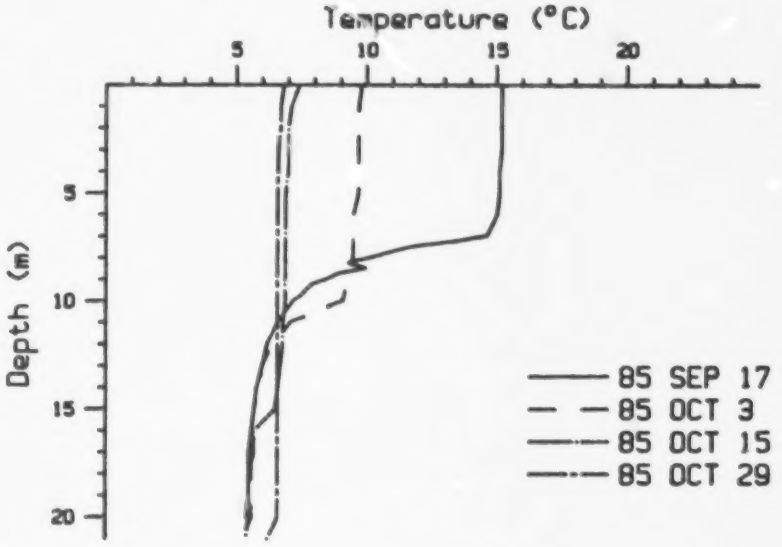
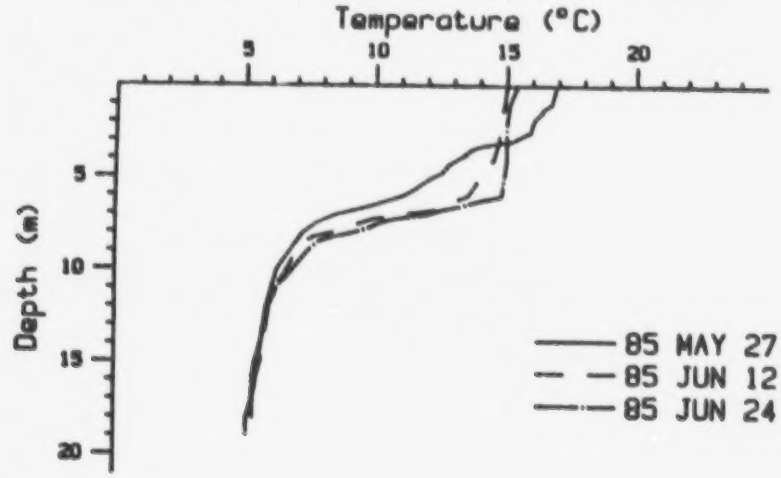
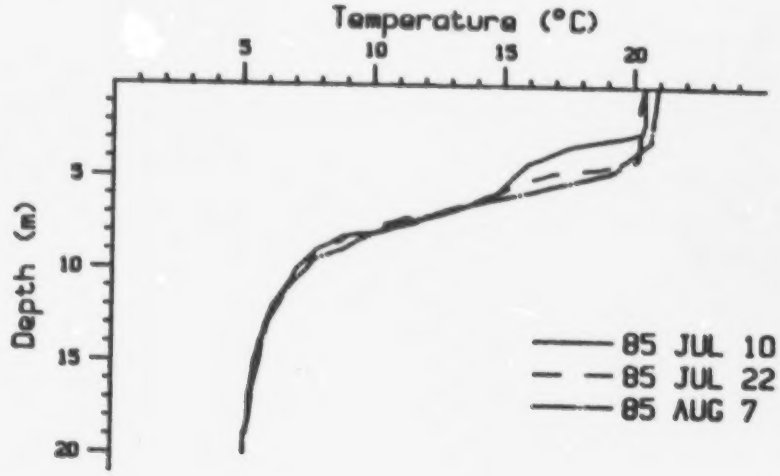
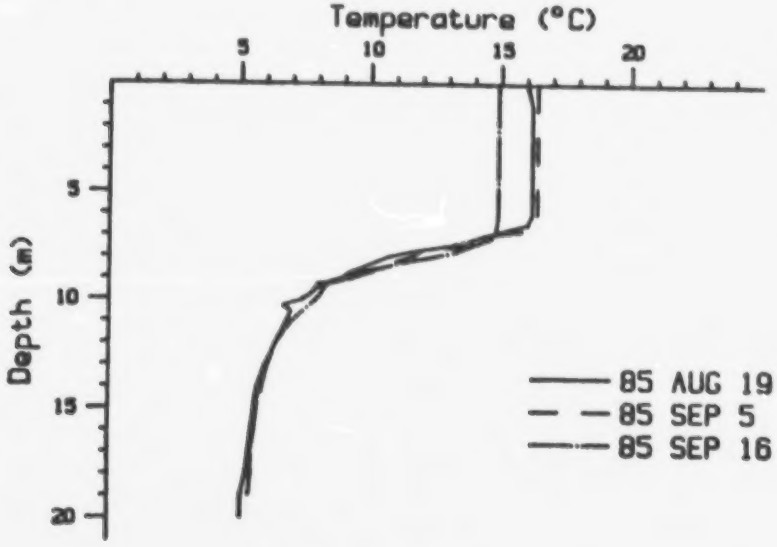
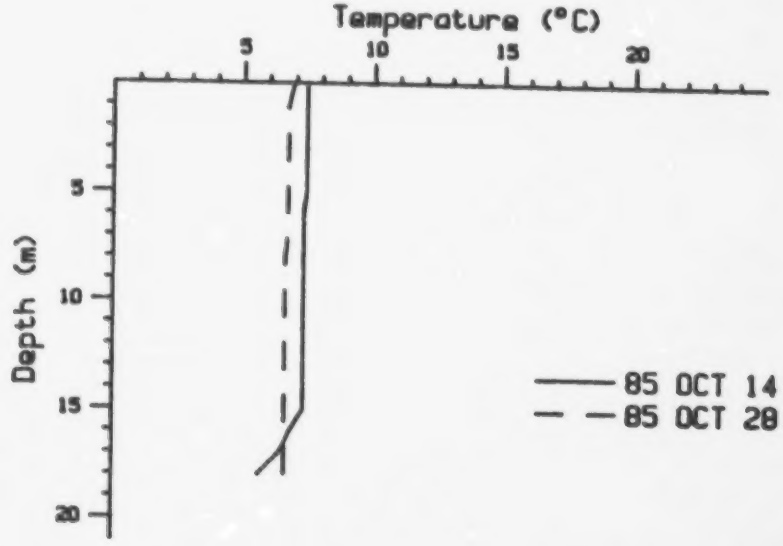

Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
6
7
8
9
10
11
12
85 AUG 13
85 AUG 28
85 SEP 10


Temperature (°C)
5
10
15
20
Depth (m)
1
2
3
4
5
6
7
8
9
10
11
12
85 SEP 26
85 OCT 8
85 OCT 21


Temperature vs Depth L623
Temperature (°C)
5
10
15
20
Depth (m)
5
10
15
20
85 MAY 28
85 JUN 13
85 JUL 10


Temperature (°C)
5
10
15
20
Depth (m)
5
10
15
20
85 JUN 25
85 JUL 10
85 JUL 25


Temperature (°C)
5
10
15
20
Depth (m)
5
10
15
20
85 AUG 7
85 AUG 20
85 SEP 5


Temperature (°C)
5
10
15
20
Depth (m)
5
10
15
20
85 SEP 17
85 OCT 3
85 OCT 15
85 OCT 29

Temperature vs Depth L629